4.11.20.

Vol. XVIII. Part 9.

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The Journal of the Department of Agriculture of Victoria, Australia.

September, 1920.

PRINCIPAL CONTENTS

Report on Government Herd Test—1919-20

List of Certificated Cows and Yield of Each

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OF

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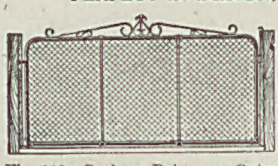

Fig. 112—Cyclone Driveway Gate

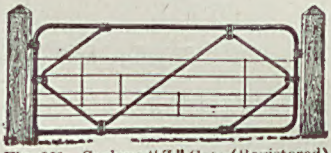

Fig. 201—Cyclone "Z" Gate (Registered)

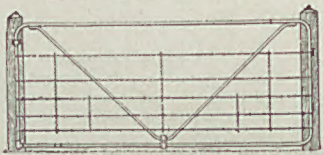

Fig. 181—Cyclone "Pig" Gate, 3 ft. 6 in. high

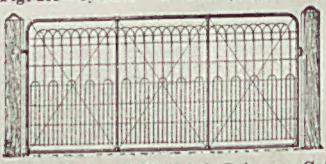

Fig. 191—Cyclone "F" Fabric Driveway Gate

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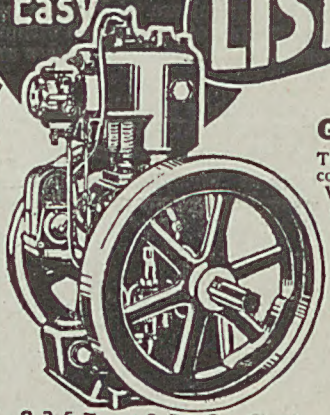

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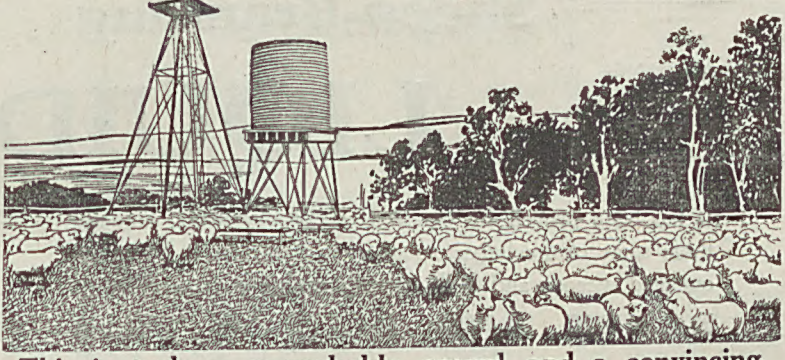

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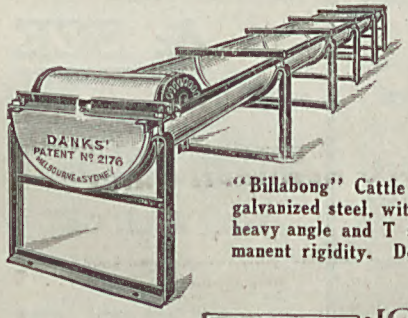

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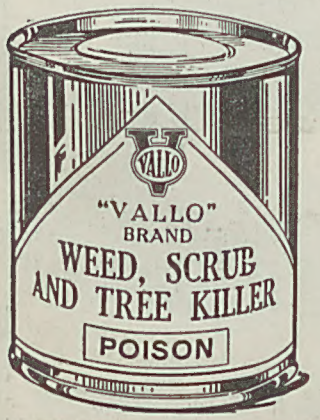

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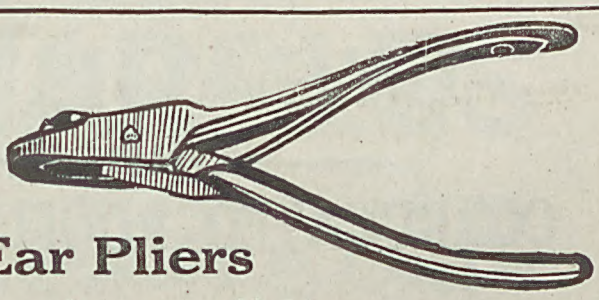

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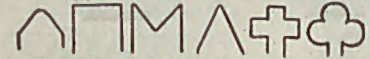

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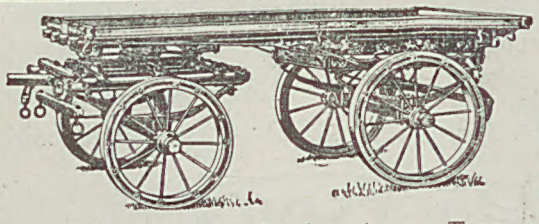

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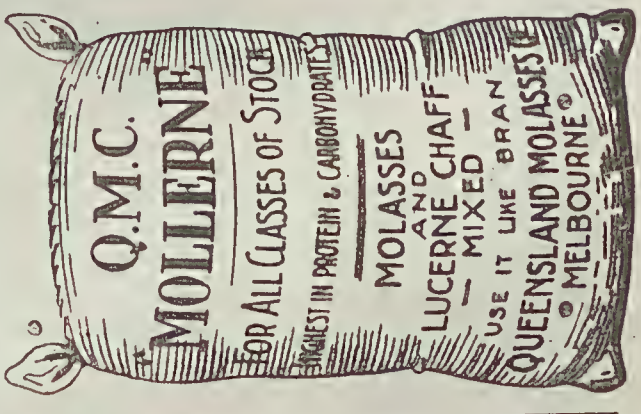

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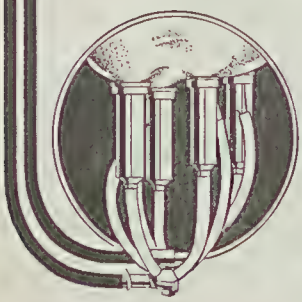

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THE STANDARD HERD TEST.

Conducted by the Department of Agriculture, 1919-20.

EIGHTH ANNUAL REPORT.

By J. M. Kerr, Herd Registrar.

The gradual improvement in the yield of the cows constituting the dairy herds undergoing test by the Department of Agriculture, shows that the result hoped for by the founders of the test is being achieved. This year's figures furnish a wealth of information which no dairyman, ambitious to improve his financial position, would be wise to ignore.

The dairy herds of Victoria, taken on the whole, are not as good as they should be, and any statistics of the average yield of the cows of the State are not cheerful reading. This is not surprising to any one in a position to observe the prevalence of under-feeding and the generally low type of cow. The dairy industry may suffer from other disabilities in its different branches, but by none is its progress more retarded than by those existing at its very roots. The lack of both "feed" and "breed" are the radical faults.

We know there is no need for the semi-starvation, nor would it long continue if owners could only be convinced of what their niggardliness is costing them. In the light of the figures contained in this report, it can be asserted just as positively that the means are available for correcting the "breed" trouble also.

Supplementary to the evidence of previous seasons' records (published in the September *Journal of Agriculture* each year) the results of the past season's work serve to show that, in the tested pure-bred herds of this State, there exists foundation material equal to all requirements for herd improvement. This, if availed of by our dairymen, would soon enable them to breed out the false and breed in the

true; for false standards of breeding do prevail, and defaulting cows that do not pay for their feeding are but the inevitable sequel.

It is not, of course, denied that beauty—or, in other words, conformity to the breed ideal—does give its possessor an additional value, both for its own sake and that of its progeny. The worst of breeding from a plain bull or cow, no matter how good they may be, is that the young stock, because of their congenital plainness, must be sold at a smaller figure than more handsome animals would command. The advocates of "type" have no stronger argument than this. Let it then be applied to the Jersey breed of to-day. How frequently do we hear the Jersey condemned, even among dairymen, because of its inferior carcass, and in the markets the Jersey colour is anything but a recommendation. Such animals bring comparatively lower prices in consequence. Thus far, the use of Jersey blood by breeders is identical in its effects with the use of plain sires, that is, it very often lowers the value of the progeny. Do we find Jersey breeders altering their standards in consequence? No; because with them production transcends all other considerations, and they know that if they breed the Jersey characteristics out of their animals they must sacrifice more or less the true, if not the sole, function of the breed, viz., butter-fat production. They argue, and rightly, that high production is the first

First Prize Winners—Mr. A. W. Jones' Jersey Herd.

consideration in a dairy cow, and will more than compensate for whatever has to be sacrificed through carcass deficiency. Why, then, should a false standard of judging be encouraged which discredits animals of known high-producing capacity, intended for dairy purposes, because they show a slight variation from an arbitrary standard, glorified by the name of "type".

All well-wishers of the dairying industry have no alternative but to combat breeders who are ready to pander to the ignorant demand for mere exhibition animals. The better price which the unenlightened are always prepared to pay for mere prettiness corresponds to the better price that many men, and dairymen often at that, are willing to give for carcass superiority, because of the better price the steer calves and the worn-out cows bring. At every show sovereigns of production are let slip for shillings of "type" and conformation by dairymen not awake to the relative insignificance (for their purpose) of looks as compared with producing capacity.

Fortunately, in Victoria, we have some leaders of the industry who are alive to what is wrong. These men are the leaven to whom we look "to leaven the whole lump." The dairying industry of the future will owe much to those breeders of to-day (and no breed is unfortunate enough not to have them among its fanciers) who, chafing at the policy which would condemn their favorite breed to depend for a reputation on nothing better than arbitrary show awards, and, recognising that if a breed is to survive as a "dairy" breed type must be subordinated to utility, put their own animals to the touchstone of the Government Herd Test.

In so far as "type" is a check on purity of breeding, it has a useful purpose. It is, furthermore, conceded that the ideal cow which the show judge has in his mind's eye is beautiful as a picture. But issue must be joined when it is claimed that the judge's opinion reliably indicates the right lines on which to breed to get dairy quality, which alone of all the breed-points entitles an animal to be called a dairy cow. What material improvement in the industry can be looked to from a system of judging dairy cattle which will not, under any consideration, permit of colour or shape being waived, and yet is ever virtually waiving the most essential point of all, viz., production.

Show authorities should assist in popularizing those animals which have credentials of production at the back of them by insisting, in the dairy-breed classes, on the credentials being taken into consideration by the judge when summing up the merits of all females over three years. Of course, there is a strong opposition to this suggestion to be overcome. Probably the educative campaign, by which only it can be brought about, will have to be conducted for some time yet before our hopes in this direction can be consummated. The present custom presents an opportunity to make more from the sale of show stock than from milking them; therefore, their appearance is more important to the breeder than their milking qualities. The system may pay the individual, but it must be detrimental to the industry. It is helping to perpetuate the erroneous belief held by so many dairymen that carcass is as important in a dairy cow as production. Shows should be educative, and not reactionary. All real dairymen who look to their cows

for a living know the years of lost time that the glorification of "show type" over test results in. And, until one makes the discovery, the time continues to be lost. Thousands have not made it yet, hence the preponderating number of more or less inferior milking cows in the dairy herds to-day.

The ideal dairy breed is still in the making, and must always be considered so until high-producing capacity has become a fixed characteristic of the breed, as assuredly transmissible from parents to progeny as conformation (type) and colour. Herd testing, though not perfection, is certainly the best means yet devised to hasten this end. Those who

Mr. J. H. Hunter's "Rarity VIII. of Melrose."

(Born 27.11.14.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
9.12.16	.. 1916–17 ..	5,999	5·90	353·79	14
27.11.17	.. 1917–18 ..	6,890	6·60	425·13	21
22.7.19	.. 1919–20 ..	12,673	5·67	718·58	40

decry its utility in favour of show judging may be compared to one who would attempt to gauge the rainfall by the shape of the clouds. If herd testing is of no use, then rain-gauges, watches, in fact all the accurately-registering instruments of science, are no use, and it is, indeed, a mad world.

This report would be incomplete were the opportunity not taken to emphasize to all open-minded dairymen, and the many young fellows now commencing in the industry, the mischief wrought by show successes alone being accepted as the hall-mark of merit in dairy breeds. Let

Second Prize Winners—Mr. A. W. Jones' Friesian Herd.

them ask themselves what opponent of herd testing would bind himself to select and pay his workmen on points of physique alone. If a man prefers to select cattle with nothing more to recommend them than show ribbons, what is there against his selecting his workmen on the same lines? Fortunately, the dairy fame of Victorian cattle is in some safer hands. Certain breeds have come to be known as "dairy" breeds, as distinguished from the exclusively beef breeds. Animals which prove their dairy quality under test are never in any danger of forfeiting their claim to the former designation. When, with time, the effects of herd testing become to be more noticeable, the name of the dairy-breeds will more than ever suggest milk and butter.

Mr. J. Hutchinson's "Princess Victoria of Holmwood."
(Born 30.8.12.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
1.4.19 ..	1919–20 ..	11,071	5·01	554·61	27

In these days, the guesswork system is giving way everywhere to instruments of precision—assumption cannot stand against fact. The breeding of dairy cattle has come to be based on something reliable in the shape of scales, and milk testers. Essentially a "dairy" breed must be a suitable breed for dairy purposes. Eventually the word "dairy", as applied to a breed, will have no meaning other than "tested."

This year the Government Herd Test has again proved its own justification. One might have expected that, under the conditions of fodder scarcity which have prevailed during the currency of this season's tests, the returns would have shown a considerable diminution of yield. And, without doubt, they would have done so, were it not that in tested herds there is a factor working always in the other direction of improvement. In the majority of herds this year this

has been sufficient to more than overcome the handicap of dear feed. Despite the undoubted difficulties of maintaining the fodder supply in such a season as we have just experienced, the records this year are generally better than ever. Let the opponents of testing disparage it as they will, it has again demonstrated itself to be the readiest and most effective means of making dairying worth while—even when cattle foodstuffs are almost prohibitive in price. That there is a class of milking cow which will pay for her food has also been demonstrated, in spite of the man who can prove that he has cows which don't. Who is so prejudiced as to deny that Mr. Jones' Jersey and Friesian herds returned him a handsome profit over all expenses? It is safe to say

Mr. A. W. Jones' "Lady Grey I. of St. Albans."

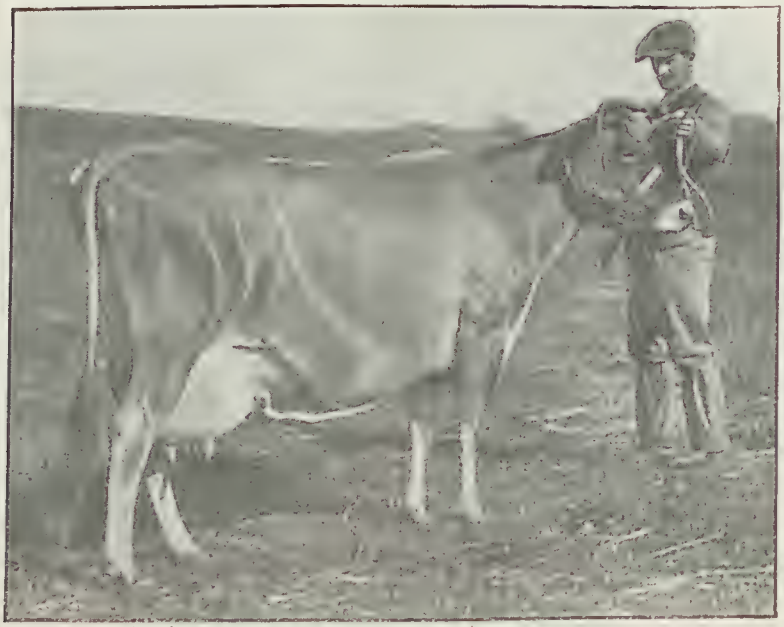
(Born 30.4.12.)

Calving Date.	Season.	Milk lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
9.3.15	1915–16	5,255	6·61	347·36	17½
20.3.16	1916–17	5,970	6·85	408·67	18¾
20.4.17	1917–18	5,899	6·85	404·05	14
18.4.18	1918–19	7,032	6·62	465·56	22½
20.6.19	1919–20	8,679	6·10	529·34	20

that they returned him half-crowns for shillings. The owner of such herds is to be congratulated on such results, whoever he may be; but Mr. Jones is to be congratulated, not so much on winning the prizes (both 1st and 2nd), as on his business acumen in realizing, while quite a raw recruit to the industry, that all cows are not dairy cows because they happen to be members of a reputed dairy breed. There is no more consistent advocate of herd testing than Mr. Jones. It was his keenness which led him to adopt testing, and that he has not been disappointed in it is evidenced by the fact—judging by his public writings—that he is growing ever keener in his advocacy of it as the only real test of merit in dairy animals.

Such success cannot be attained without proper feeding, and Mr. Jones neglects nothing in this regard. He has several acres under lucerne, which appears to be doing well. Further, he has realized

what so many farmers have failed to realize—the value of ensilage for milk production. There are three silos on his farm, one of bluestone and two of brick. The two latter (70 tons capacity each) were filled last year with maize grown by himself, and which, as silage, constituted part of the feed from which the high yields were produced. Such a reserve of fodder proved invaluable in one of the worst years ever experienced by dairymen. About 6 lbs. of bran was fed to each cow in the day; but May Queen II. received as high as 10 lbs. Maize silage, and the above-named concentrates, constituted the cows' food for eight months in the year. One month no ensilage was available, and oaten chaff was substituted. In the summer months lucerne was cut and



Mr. W. Woodmason's "Chevy VIII. of Melrose."

(Born 12.9.12.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
17.12.14 ..	1914–15 ..	6,011	5·63	338·56	19
10.11.15 ..	1915–16 ..	5,686	6·05	344·08	20½
2.12.16 ..	1916–17 ..	6,853	6·01	412·06	23
24.11.17 ..	1917–18 ..	6,271	5·78	362·24	18½
28.7.19 ..	1919–20 ..	8,333	5·91	492·64	21

fed to the cows out in the paddock; but when the water failed, this feeding had to be discontinued, and this, of course, was a set-back to the herd. No rugging is practised, but the farm is well provided with hedges, which serve as breakwinds for the stock.

If Mr. Jones knew only as much about the producing capacity of his cows as most dairymen, his herds would not now be figuring in this report at the top of the herd list. Neither would such success have been achieved had he not been prepared to act ruthlessly on the information which the test furnished. This is how some owners of tested herds lose valuable time. A long association with a particular line of blood is apt to prejudice a man in its favour. His animals are the pets of his own fancy. His faith in them is sufficient not to

fear the test. He submits them; welcomes advice on feeding, and stints them of no feeding essential. Yet the returns quite probably fail to warrant the extra feed cost. Prejudice, with which, perhaps, there is a little sentiment, prevents him from ascribing the failure to the true cause—the cows themselves. "Where ignorance is bliss 'tis folly to be wise." If that man is to profit by the test, he must consent to be disillusioned. It depends on the man himself whether he puts the lesson to good use, or miserably remains among the number who are contented with their inferior cows, but with little else, in the industry. This is another difficult class the industry has to carry. Almost every district possesses its dairyman who believes he has proved in his own herd that "feeding does not pay." It is sufficient to point to the seventeen herds in the herd-list to prove that proper feeding does pay. True enough, it does not pay everybody; but if a man is feeding his cows properly, and the cost is not more than met by the increased yield, it is the next best proof to the Babcock test that he has inferior cows. And they are no rarity.

If they were fewer, herd testing would not need to be advocated so strongly. To expose these defaulters to their owners, and at the same time to indicate to the dairying community the best-producing cows among the pure-breds from which to select sires most likely to beget real dairy cows, is the main object of the Government Herd Test. The breed, as long as it is pure, is left to the option of the owner, and yield is the standard of merit. The Jerseys and Friesians happen to be again most prominent, and no one can deny that it is on their merits; but it is not the purpose of this report to feature any particular breed as such. The day is rather looked forward to when the breeds now comparatively backward will have been raised by the "test-enthusiastic" owners to the same position of esteem that the test-proved members of the breed enjoy in the Homeland and America. That this is in process of accomplishment, can reasonably be believed from a study of the progress made by the "Sparrovale" herd of Ayrshires since entering the test:—

Year.	No. Entered.	No. Certificated.	Average of all Cows in the three Classes.		
			Mature Cows.	2nd Calf Cows.	Heifers.
			lbs. butter fat.	lbs. butter fat.	lbs. butter fat.
1913–14 ..	8	1	157·12	...	..
1914–15 ..	20	8	237·22	180·45	171·31
1915–16 ..	16	6	232·49	193·28	189·13
1916–17 ..	13	5	195·70	255·00	229·33
1917–18 ..	15	8	215·01	287·82	196·81
1918–19 ..	15	15	342·23	299·47	275·58
1919–20 ..	19	19	340·71	336·89	290·95

As is to be expected, improvement in the mature class is not immediate, as the old cows are retained till young ones come on to take their places; but it is soon apparent when the better younger stock come to that class. The younger classes show from the very beginning the benefits of testing. The table contains a further testimony to testing (not discernible from the figures alone) in the fact that the sires responsible for the improvement are from two of the highest producing cows in a herd famous in Victorian Herd Test history, viz., Mr. W. Brisbane's "Gowrie Park" Ayrshires.

The report this year deals with 76 herds, comprising in all 695 cows; of these 569 qualified for certificates. The yield of 718.58 lbs. of butter-fat, which is top yield for the herd-test season just past, is the highest recorded in the history of the test. The cow which is responsible for it is a Jersey, "Rarity VIII. of Melrose," and the man fortunate enough to own her is Mr. J. H. Hunter, of Tyntynder South, near Swan Hill. Although Mr. Hunter has well deserved the honour, some credit must attach to her breeder, Mr. W. Woodmason. The yield wins for her owner the prize awarded by the Department for "Annual Champion Cow." She was purchased by Mr. Hunter at Mr. Woodmason's sale along with "Mates VI. of Melrose," which cow has also done well,

Mr. W. Woodmason's "Quality VI. of Melrose."
(Born 30.1.09.)

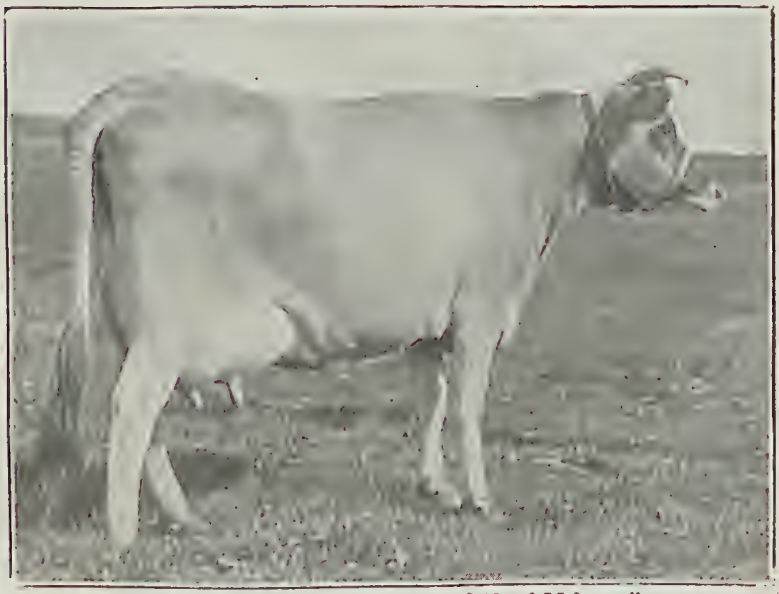
Calving Date.	Season.	Milk.	Test.	Butter Fat.	Milk last Day.
		lbs.	%	lbs.	lbs.
23.10.13	1913–14	7,158	5·83	417·45	22
20.10.14	1914–15	8,349	5·73	478·44	18
11.11.15	1915–16	8,327	5·24	436·73	24
7.12.16	1916–17	8,494	5·31	451·29	26
17.1.18	1918–19	9,401	4·99	469·31	30½
28.1.19	1919–20	10,004	4·90	489·99	31

being sixth in order of merit with a yield of 547.74 lbs. of fat. Owing to closeness to re-calving, the winning cow could not be continued for a twelve months' record, which would have been interesting, and would almost certainly have run the American record very close, if it did not actually bring the honour of world's champion dairy cow to Victoria. "Rarity" was yielding 40 lbs. of milk daily on the 273rd day, when recording ceased. The second on the list is Mr. C. D. Lloyd's imported Jersey "Mercedes Noble Queen." This famous old cow, which we are accustomed to see well in the forefront, has just missed the annual reserve champion's prize by a small margin, as she did not re-calve within the fifteen months' time limit. Consequently, Mr. Jones' Friesian "May Queen II." (top cow in her class last year, and winning heifer

Mr. C. G. Lyon and R. R. Kerr's "Hawthorn IV. of Banyule."

(Born 16.3.15.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
27.3.17	1916–17	4,998	6·10	304·90	13½
2.4.18	1917–18	6,726	5·62	378·18	17½
14.4.19	1918–19	8,190	5·98	489·60	26



Mr. W. Woodmason's "Jenny Lind X. of Melrose."

(Born 10.3.15.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
14.4.18	1918–19	7,445	5·74	427·10	24½
13.4.19	1919–20	8,612	5·48	471·69	24

in 1918) carries off second honours with a yield of 616.66 lbs. of butter-fat; this is provided, of course, that she re-calves within the specified time. Fourth on the list is "Princess Victoria of Holmwood," which Mr. J. Hutchinson has just sold to Messrs. Lyon and Kerr. This fine cow is a close blood relation, on her sire's side, of last year's champion, "Tiddlewinks II. of Holmwood," and is also full sister to Mr. Trevor Harvey's high-producing heifer "Empress II. of Holmwood." All come from "Audrey's Lord Twylish," which bull Messrs. Lyon and Kerr have, for some time now, had at the head of their "Banyule" Jersey stud. This bull seems destined to rank with "Pretty Noble" and other famous Jersey bulls, in the number of his progeny standing out

Mr. W. Woodmason's "Vanilla VII. of Melrose."

(Born 20.8.13.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
26.10.15	.. 1915–16 ..	5,315	5·90	313·89	14
20.8.17	.. 1917–18 ..	6,991	6·01	420·30	18
7.10.18	.. 1918–19 ..	7,718	6·08	470·52	18½

prominently as producers. Incidentally, three of the first twenty positions in the order of merit are occupied by daughters of "Pretty Noble," and the champion is a granddaughter on her sire's side. Mr. A. W. Jones' consistent old Jersey, "Jubilee XV." has this year exceeded her previously highest yield, and her record of 551.67 lbs. has won her fifth place. The same owner's "Lady Grey I. of St. Albans," upholding the old family name, which her elder full sister, "Lady Grey V." made famous, has won to seventh position. Her yield is the more commendable because she has calved every year since 1915, in which year she was top heifer. The Leongatha High School's Jerseys are well forward this year with "First Choice" (506.88 lbs.), and "Sunset Star of Dunalister" (494.64 lbs.), eighth and eleventh respectively.

Ninth place is held by another "Melrose" bred cow, "Graceful Duchess XI.", owned by Mr. Jackson. She is another great producer, and this is the second time she has exceeded 500 lbs. Her yield on this occasion was 505.77 lbs. Mr. J. Hutchinson has another in the first ten, as the tenth on the list, "Beauty IV. of Somerville," which yielded 503.99 lbs. of fat, is owned by him. Thus the 500-lbs. mark has been exceeded by ten cows. The yields that have been given by the next cows in descending scale, viz., "Chevy VIII. of Melrose," "Quality VI. of Melrose," "Hawthorn IV. of Banyule" (all Jerseys), and of "Birds-eye"—the star performer of the Research Farm Red Poll herd—are all worthy of some special reference. In fact, to far below these positions, the yields are such as any owner might be proud of; but the space forbids individual reference to them. Some space, however, may be

Mr. S. Rowe's "Tiddlewinks II. of Holmwood."

(Born 16.1.15.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
11.8.18 ..	1918–19 ..	10,850	5·32	576·91	29
24.8.19 ..	1919–20 ..	8,424	5·43	457·39	10½

specially allotted to one name which has been mentioned. This is old "Quality VI. of Melrose"—a fine example of consistent production. In the six seasons she has been tested, this faithful old servant has yielded 5,174 gallons of milk, 2,742 lbs. of butter-fat, or an average of 862 gallons of milk, and 457 lbs. of butter-fat per term of 273 days. She has never received much limelight, is now over eleven years of age, and still in the test, on another lactation. Her uniform good yields entitle her to rank with "Sweetbread" and "Lady Grey V.," two others of the consistent sort we would like to see more general. In somewhat the same connexion, reference is called for to another noteworthy old name, also in the herd of Mr. Woodmason, viz., "Jessie's Progress." This old cow has died at the age of 23 years, after yielding well up to her twenty-second year. A photo, accompanied by her several records, appeared in last year's report.

Before leaving the mature cows, a comparison of the annual champions, over the eight years of the Herd Test, might be of interest:—

Year.	Cow.	Breed.	Calved.	Butter Fat.	Re-calved.	Owner.
1912–13	Silvermine IV. ..	Jersey	14.9.12	388	18.8.13	Mr. C. G. Lyon
1913–14	Ida of Gowrie Park	Ayrshire	27.3.13	555	14.3.14	Mr. W. P. Brisbane
1914–15	Linda of Gowrie Park	„	20.8.14	640½	..	Mr. W. P. Brisbane
1915–16	Jessie VI. of Melrose	Jersey	10.8.15	523¼	6.11.16	Mr. W. Woodmason
1916–17	Mercedes Noble Queen	„	14.9.16	512	23.10.17	Mr. C. D. Lloyd
1917–18	Jessie VI. of Melrose	„	6.11.16	518¼	25.12.17	Mr. W. Woodmason
1918–19	Tiddlewinks II. of Holmwood	„	11.8.18	577	24.8.19	Mr. S. Rowe
1919–20	Rarity VIII. of Melrose	„	27.7.19	718½	7.8.20	Mr. J H. Hunter

Mr. O. J. Syme's "Bolobek Aaggie."

(Born 17.3.16.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
12.9.18	1918–19	9,583	4·35	417·43	22½
15.9.19	1919–20	12,668	4·05	512·56	33

The class for the second-calf cows (200 lbs. standard) contains some very fine records, particularly the 512.56 lbs. of the top cow "Bolobek Aaggie" a member of M. O. J. Syme's Friesian herd. In view of this young cow's handsome performance last year, when as a heifer she yielded 417½ lbs. of butter-fat, it was expected she would prove to be an excellent animal, and she is living up to her early promise. She has the additional value of type, proved by winning in her class in the Royal Show last year. Second position is held by the cow which created a sensation last year by topping the heifer list with the especially good yield of 493¾ lbs. of fat, on her first calf. This is

Mr. G. G. Knight's "Lady Choice of Tarnpirr."

(Born 6.9.15.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
2.4.18	.. 1918–19 ..	8,007	6·17	493·80	30½
25.5.19	.. 1919–20 ..	7,897	6·00	474·26	16

Mr. T. Harvey's "Kirsty VI. of Jerseyholm."

(Born 22.6.16.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
18.5.18	.. 1918–19 ..	5,378	6·46	347·45	12½
9.6.19	.. 1919–20 ..	7,173	6·23	447·27	16½

Mr. C. G. Knight's "Lady Choice of Tarnpirr." Her yield of 4744 lbs. this year, though very admirable, is not quite up to expectations. This is probably accounted for by the fact that, owing to Mr. Knight disposing of his northern property, this cow has had to suffer more than one change of home during the currency of lactation. The standard "Lady Choice" set last year is, however, still the highest yet attained by a heifer in the test.

Mr. J. H. Hunter, who has two cows so prominent among the mature animals, also owns "Trixie of Tarnpirr," which is third in this (200-lb.) class. He seems particularly fortunate in his purchases, as this cow was purchased at Mr. C. G. Knight's sale. Next come-

Mr. J. H. Hunter's "Trixie of Tarnpirr"

(Born 18.11.15.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
26.3.18	1918	5,476	6·48	355·15	15
21.4.19	1919–20	7,430	6·14	457·14	21

"Kirsty VI. of Jerseyholm," owned by Mr. T. Harvey; and fifth place has been won by Mr. S. Rowe's "Quality VII. of Melrose." Appreciation of the many other good yields in this class will not be wanting from dairymen, who know how rare such yields are; but it would unduly lengthen this report to here emphasize their merit individually.

Passing on to the heifers, it is a pleasure to see there is plenty of good material coming forward, although the high standard set by Mr. Knight's "Tarnpirr" heifers last year has not been quite maintained. This does not necessarily mean that the class of heifers this year is not so good, because the conditions everywhere were certainly

Messrs. G. G. Lyon and R. R. Kerr's "Silvermine XVIII. of Banyule."

(Born 23.8.17.)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
21.9.19 ..	1919-20 ..	6,299	5·67	357·89	17½

Messrs. Flack and Sewell's "Dominion Queen Mercedes."

(Born 2.10.16)

Calving Date.	Season.	Milk. lbs.	Test. %	Butter Fat. lbs.	Milk last Day. lbs.
13.5.19 ..	1918-19 ..	10,295	3·42	352·02	27½

more unfavorable this year. It detracts nothing from the leading heifer (Mr. Knight's "Mistletoe of Tarnpirr") that her yield is somewhat behind her herd-mate's great winning record of last year. "Mistletoe's" 449½ lbs. has never been surpassed by a heifer in any year of the test, excepting by the outstanding yield of "Lady Choice"—the herd-mate above referred to. "Mistletoe" suffered the somewhat adverse conditions of all Mr. Knight's cows. Her record would, therefore, indicate that she is a heifer of exceptional dairy quality.

The Friesians occupy good positions in this class also, one of Mr. A. W. Jones' and another of the Department's being second and third respectively. They are followed in the fourth place by another Jersey, "Pidgeon of Kameruka," which Mrs. Alston purchased from Mr. Knight with the "Tarnpirr" estate. Mr. J. A. Lang's "Princess II. of Retreat," in fifth place, is an Ayrshire, which, by her position, proves her merit as a real dairy animal. Sixth and seventh positions are held by a Jersey and a Friesian respectively, owned by comparatively new men—one by Mr. D. G. Tompkins, of Coleraine; and the other by Messrs. Dickinson Bros., of Sebastopol. As new men, they are to be congratulated on winning such forward positions. As said before, there is no dearth of good stock entering the Test. This year we have 92 heifers (on their first calf) which have exceeded the 250 lbs. of butterfat fixed as the standard for mature cows.

The herd prize on this occasion has been won by Mr. A. W. Jones' "St. Albans" Jersey herd. Mr. Jones keeps both Jerseys and Friesians, and he has had the satisfaction this year of winning with the Jerseys, and getting into second place with his Friesians. "Good wine needs no bush," and nothing need be added to the language so eloquently conveyed by the figures of the yields of these herds. The number of herds at present being tested is 79, made up of Jersey, Ayrshire, Friesian, Red Poll. Some herds have dropped out consequent on owners having sold their properties, and others owing to the severity of the season making it next to impossible for them to procure the right kind of fodder. But, notwithstanding these things, there are three more herds being tested now than at this time last year. The new herds entered during this year are as follow:—

Mrs. M. I. Alston, Cobram, Jersey.
Messrs. Dickinson Bros., Sebastopol, Friesian.
Mr. J. S. Douglas, Ballarat, Ayrshire.
Mr. J. Kerr, Bacchus Marsh, Shorthorn.
Mrs. I. Beard, Outtrim, Jersey.
Mrs. M. S. Carroll, Tyntynder, Red Poll.
Mr. J. H. Rogers, Yarraville, Ayrshire.
Mrs. H. Luxton, Kew, Jersey.
Mr. W. J. McKernan, Tatura, Ayrshire.
Mr. F. Raggatt, Casterton, Jersey.
Mr. R. Lidgett, Myrniong, Shorthorn.
Mr. W. Henderson, Grasmere, Ayrshire.
Mr. W. H. Waycotte, Pascoe Vale, Jersey.
Mr. W. G. Finn, Port Fairy, Jersey.
Mr. A. Kirby, Daylesford, Ayrshire.
Mr. J. Thorburn, Woodend North, Ayrshire.
Mr. W. Meredith, Ondit, Ayrshire.
Agricultural High School, Warrnambool, Ayrshire.

Standard Cow Prizes.

The following prizes were offered by the Government for the year ended 30th June, 1920. The prizes will be awarded through the Royal Agricultural Society:—

1. *Grand Champion Cow*—under Herd Test Regulations.

   A grand champion prize of £100, as a trophy or cash, for maintaining the position of annual champion for three years, not necessarily in succession. Not yet allotted.

2. *Annual Champion Cow*—under Herd Test Regulations.

   A prize of £10, to be awarded to the cow which, during a lactation period terminating within a year ending on 30th June, gives the greatest amount of butter-fat under the herd testing regulations of this Department.

   Won by "**Rarity VIII. of Melrose**"; owner, J. H. Hunter.

3. *Reserve Annual Champion*—under Herd Test Regulations.

   A prize of £5 per annum to be awarded to the cow attaining second place under the herd testing regulations of the Department during the year ended 30th June.

   Won by "**May Queen II.**"; owner, A. W. Jones.

   These prizes to be awarded conditionally upon the winning cow being exhibited at the next Royal Agricultural Show. In the event of the death of the winning cow prior to such Show, the owner to exhibit his next best cow.

4. *Best Herd*—under Herd Testing Regulations.

   A first prize of £20 and a second prize of £10 to be awarded to the herds giving the greatest average returns under the herd testing regulations of this Department and complying with the following conditions:—

   (1) Minimum number of cows (completing the test during the year) in a herd, 10.

   (2) Such herd to average not less than 300 lbs. of butter-fat.

   (*a*) Handicaps to be allowed on the following scale:—

   i A herd of more than 10 cows to receive a handicap of ½ lb. of butter fat for each cow.

   ii Cows entered under regulation 11*a* to receive a handicap of 75 lbs. of butter fat.

   iii Cows entered under regulation 11 *b* and *c* to receive a handicap of 50 lbs. of butter-fat.

   The prizes to be allotted for the year ending 30th June, and the three best cows in the winning herd to be exhibited at the next Royal Agricultural Show.

   First prize won by the "**St. Albans**" **Jersey Herd**; owner, A. W. Jones.

   Second prize won by the "**St. Albans**" **Friesian Herd**; owner, A. W. Jones.

No cow competing for any prize shall be milked more than twice a day, and must re-calve within fifteen months from her previous calving date.

RETURN OF CERTIFICATED COWS FOR YEAR ENDED 30th JUNE, 1920.

W. K. ATKINSON, Swan Hill. (Shorthorn.)

Completed during the year, 9. Certificated, 9.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Blanche Rose IX. ..	Not yet allotted	4.10.18	269	4	7,676	4·11	315·56	200	359¾
Blanche Rose X.	,,	11.10.18	273	24	10,356	3·88	401·93	200	458¼
Dairymaid XXVI. ..	,,	25.10.18	273	9½	6,686	4·15	277·63	200	316¼
Cherry V.	,,	27.10.18	273	6	5,367	4·06	218·08	200	248½
Roan Daisy XVIII. ..	,,	*11.5.19	273	22½	7,779	4·75	369·60	250	421½
Morven Queen IX. ..	,,	1.7.19	273	19½	8,444	3·97	335·45	200	382½
Poplar Vale Princess 28th ..	,,	2.8.19	273	19½	7,817	3·60	281·59	250	321
Blanche Rose IX. ..	,,	19.9.19	273	13	9,364	3·90	364·90	250	416
Daphne XIII.	,,	24.9.19	273	16	9,800	3·47	339·88	250	387½

* Calved 6 weeks prematurely.

A. E. BATSON, Buckley. (Jersey.)

Completed during the year, 2. Certificated, 2.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Fairy Queen of St. Albans ..	Not yet allotted	7.10.18	273	13½	4,746	5·73	272·11	175	310¼
Lady Grey VI. of St. Albans	,,	2.11.18	265	4	3,959	6·74	266·77	175	304

J. BAKER, Gheringhap. (Red Poll.)

Completed during the year, 5. Certificated, 4.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Elcho Lady	Not yet allotted	16.3.19	273	14½	7,138	4·82	344·21	250	392¼
Elcho Maid	,,	2.4.19	273	7	5,941	5·34	317·17	250	361½
Karong Belle	,,	5.4.19	273	16½	6,817	5·34	364·30	250	415½
Karong Rose II.	,,	9.4.19	273	16½	5,073	4·15	210·79	175	246½

C. BAMFORD, Benalla. (Ayrshire.)

Completed during the year, 1. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Starlight of Wethersdane ..	3305	16.9.19	273	11	9,089	4·06	369·00	250	420¾

F. W. BEISCHER, Bridge St., Bendigo. (Jersey.)

Completed during the year, 2. Certificated, 2.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Annette II. of King's Vale	Not yet allotted	29.8.19	273	6	6,635	4·58	304·01	250	346½
Daisy III. of King's Vale ..	,,	8.9.19	273	18½	8,067	4·56	368·06	250	419½

F. BIDGOOD, Staghorn. (Jersey.)

Completed during the year, 6. Certificated, 6.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Blue Bell II. of Werribee ..	4604	9.12.18	273	15	5,737	6·50	373·06	250	425¾
Clementine of Staghorn ..	5592	2.4.19	*270	8½	2,913	6·46	188·28	175	214½
Fox's Clementine II. ..	4721	23.6.19	273	15½	6,471	5·64	364·80	250	415
Werribee Northern Larkspur II.	Not yet allotted	7.7.19	273	12	5,235	5·85	306·52	200	349½
Lotus Lily II. of Staghorn ..	5593	6.9.19	273	9	4,894	5·56	272·19	175	310¼
Lotus Flower	4605	7.9.19	273	4	6,473	5·31	343·82	250	392

* Withdrawn before completion of test.

Mrs. A. J. BLACK, Noorat. (Jersey.)

Completed during the year, 9. Certificated, 3.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Marguerite II.	Not yet allotted	14.12.18	273	14½	4,573	4·61	210·69	175	240¼
Madge	3575	17.3.19	273	9	5,705	5·14	293·46	250	334½
Mona's Pearl	3577	14.4.19	273	11	6,569	4·72	310·02	250	353½

Messrs. BYRNE and GRASSICK. (Jersey.)

Completed during the year 1. Certificated, Nil.

Messrs. CALLERY BROS., Bannockburn. (Ayrshire.)

Completed during the year, 11. Certificated, 9.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
May Queen of Langley Park	2840	8.8.18	273	13	5,540	5.29	292.93	250	333¾
Bonnie Jean of Langley Park	3478	22.10.18	273	8	6,823	4·43	302·23	175	344½
Mountain Princess of Langley Park	3480	22.10.18	273	11	5,332	4·57	243·72	175	277¾
Rose Royal of Langley Park	2841	3.4.19	273	12	6,564	4·90	321·48	250	366½
Sunflower of Langley Park	4954	2.5.19	273	8	4,024	4·43	178·60	175	203½
Forest Queen of Langley Park	4951	2.7.19	273	7½	4,448	4·83	215·02	175	245
Geranium of Langley Park	6180	8.8.19	273	11	4,914	4·50	221·39	175	252¼
Alma of Langley Park ..	3477	5.9.19	267	4	7,655	4·26	326·38	200	372
Bonnie Jean of Langley Park	3478	13.9.19	273	17½	7,145	4·50	321·86	200	367

Dr. S. S. CAMERON, Hawthorn. (Jersey.)

Completed during the year, 1. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Merella II. of Yarra Brae ..	5668	8.3.19	273	17	4,831	6·83	329·96	175	376¼

J. W. COCHRANE, Moorabbin. (Ayrshire.)

Completed during the year, 10. Certificated, 6.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Gwendoline of View Point ..	4969	25.9.18	273	9	6,912	4·39	303·61	200	346
Heatherbelle of Springfield	4970	18.6.19	273	20⅝	8,102	4·12	333·54	250	380¼
Bramble of Golden Vein ..	2974	14.7.19	273	17	6,478	3·90	252·70	250	288
Morea of Seafield	6237	5.8.19	270	4	6,237	4·38	273·59	250	312
Mary of Springfield ..	4973	3.9.19	262	4	6,166	4·51	278·42	200	317½
Gwendoline of View Point ..	4969	17.9.19	248	6	7,007	4·16	291·55	250	323¾

DEPARTMENT OF AGRICULTURE, Werribee. (Red Poll and Friesian.)

Completed during the year, 49. Certificated, 43.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Red Poll—Completed, 39. Certificated, 33.									
Magelta	Not yet allotted	26.9.18	273	14½	5.103	3·93	·00·56	175	228½
Crimea	,,	30.9.18	273	12½	5,383	4·06	218·63	200	249½
Nyanza	,,	3.10.18	†176	28½	5,900	4.40	259·61	200	296
Serbia	,,	3.10.18	273	11	10,396	4·02	418·50	250	477
Europa	,,	7.10.18	273	9½	8,175	4·27	349·71	250	389½
La Belle France	,,	11.11.18	273	16	8,324	4·29	356·85	250	406½
Scotia	,,	29.11.18	273	7½	7,587	4·19	318·25	250	362½
Birdseye	,,	3.12.18	273	17	8,983	5·43	488·24	250	556½
Briar	,,	14.12.18	273	6½	7,844	4·64	364·42	250	415½
Netherlana	,,	15.12.18	273	18	8,269	3·97	328·66	250	374½
Aleutia	,,	16.1.19	273	14	6,299	4·11	259·14	250	290½
Panama	,,	20.1.19	273	23	8,460	4·14	350·01	250	399
Santa Clara	,,	26.1.19	229	4	6,136	4·59	281·54	250	321
Gallipoli	,,	29.1.19	263	4	6,312	4·00	252·67	250	288
Baltica	,,	13.2.19	273	17	8,555	4·42	378·36	250	431½
Tasmania	,,	15.2.19	273	17½	7,820	4·19	327·77	250	373½
Mongolia	,,	25.3.19	273	20	9,245	4·11	380·03	250	433½
Morocco	,,	26.5.19	273	36½	10,024	3·60	361·20	250	411½
Carribea	,,	8.7.19	273	17½	7,100	4·06	288·53	250	328½
Mesopotamia	,,	11.7.19	273	24½	7,854	4·21	330·57	175	376½
Violation	,,	20.7.19	238	33½	7,618	4·18	318·84	175	363½
Ottawa	,,	21.7.19	273	19	6,964	3·85	268·16	175	305½
La Reina	,,	30.7.19	273	14½	6,797	4·90	332·82	250	379½
Samotina	..	3.8.19	273	13½	8,483	4·56	386·94	250	441
Goldlace	..	17.8.19	262	4	8,194	4·20	344·28	250	392½
Victoria Red Rose ..	..	20.8.19	273	16½	7,530	4·60	346·46	250	395
Cutty	..	23.8.19	273	16½	10,185	4·35	442·72	250	504½
Europa	..	3.9.19	273	4	7,031	4·18	294·24	250	335½
Velvetcen (imp.)	..	5.9.19	273	17½	8,356	3·57	298·62	250	340½
Avesia	..	7.9.19	273	17½	9,659	4·55	439·96	250	501½
Iris	..	10.9.19	273	10	7,006	4.33	303.09	250	345½
Nictitana	..	11.9.19	273	13	6,962	5.45	379.38	250	432½
Serbia	..	18.9.19	273	7	10,869	3·91	424·73	250	484½
Friesian—Completed, 10. Certificated, 10.									
Dominion Lulu II. ..	..	3.10.18	273	29	11,099	3·30	366·50	200	417½
Coringa	..	9.10.18	273	26	12,665	3·79	480·59	250	547½
Dominion Proud Lassie ..	..	10.10.18	273	23	10,233	3·35	342·94	175	391
Grace de Kol	..	12.10.18	*243	16	7,468	3·83	286·39	175	326½
Dominion Korndyke ..	..	19.10.18	273	24	10,568	3·65	386·07	175	440
Belle Corona	..	2.11.18	222	4	7,318	4·16	304·53	250	347
Dominion Milkmaid ..	714 N.Z. F.H.B.	14.3.19	273	36½	11,862	3·83	454·71	250	518½
Queen Gertrude	..	22.8.19	273	30	11,837	3·66	433·63	250	494½
Coringa	..	9.9.19	273	26	11,825	3·89	460·20	250	524½
Belle Corona	..	21.9.19	273	11	11,646	3·61	420·28	250	479

* Withdrawn from test prematurely.
† Sold before completion of term.

G. GANGE, junr., Mininera. (Ayrshire.)

Completed during the year, 3. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Gardenia of Seafield ..	5141	29.3.19	273	13	6,311	4·47	282·01	250	321½

DICKINSON BROS., Sebastopol. (Friesian.)

Completed during the year, 5. Certificated, 5.

Name of Cow	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Phœbe of Ashby	Not yet allotted	18.6.19	273	20	6,060	4·20	254·87	175	290½
Maggie of Ashby	,,	8.7.19	273	19½	5,843	3·77	220·45	175	251½
Pauline of Ashby	,,	23.7.19	273	37	10,200	3·62	368·94	175	420½
Queenie of Ashby	,,	2.8.19	273	17½	7,372	4·01	295·89	175	337¼
Phyllis of Ashby	,,	3.8.19	247	4	8,172	3·85	314·40	200	358½

C. FALKENBERG, Elliminyt. (Jersey.)

Completed during the year, 10. Certificated, 6.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Fancy of Colac	4027	6.2.19	273	27	6,982	4·64	324·44	250	369¾
Trixie of Colac	4914	16.3.19	273	17½	5,553	5·48	304·16	200	346¾
Hope V.	2899	8.5.19	273	15	6,330	5·37	339·86	250	387¼
Lady Merlin of Colac ..	5890	8.6.19	269	4	3,519	5·70	200·65	200	228¾
Annie of Taringa	4023	26.7.19	273	14½	6,524	5·31	346·22	250	394½
Princess of Colac	4912	5.9.19	273	13¾	4,726	5·39	254·78	250	290½

Messrs. FLACK and SEWELL, Berwick. (Friesian.)

Completed during the year, 11. Certificated, 10.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Dominion Primrose League	Not yet allotted	2.10.18	273 273	8	6,491	3·25	211·42	200	241
Dominion Violet Fobes ..	,,	17.10.18	273	34	12,543	3·72	466·29	250	531½
Dominion Flower II. ..	,,	24.10.18	273	13	6,895	4·06	280·01	175	319½
Dominion Iona	,,	27.10.18	273	27	9,509	3·53	336·12	175	383
Dominion Queen Mercedes ..	,,	13.5.18		27½	10,295	3·42	352·02	175	401¼
Homestead Maggie ..	,,	21.6.19	273	23	9,180	3·60	330·48	175	376¾
Dutch Girl II. of Berry ..	..	1.8.19	273	13	5,686	3·66	208·45	175	237¾
Dominion Fayne Segis ..	..	6.8.19	273	14	6,832	3·43	234·56	175	267½
Dominion Flower Queen ..	..	14.8.19	273	15½	9,184	3·42	314·24	200	358¼
Dominion Queen Segis ..	..	7.9.19	273	15	7,562	3·47	262·80	200	299½

W. A. FRANCIS, Kilcunda. (Ayrshire.)

Completed during the year, 2. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Red Rose of Fern Hill ..	6349	14.2.19	273	18	6,306	4·11	259·31	200	295½

GEELONG HARBOR TRUST, Marshalltown. (Ayrshire.)

Completed during the year, 19. Certificated, 19.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Budding Rose of Sparrovale	3887	28.9.18	273	14½	6,365	5·31	338·32	175	385½
Daisy of Sparrovale ..	3888	19.10.18	273	13	6,084	4·76	289·96	175	330½
Beatrice of Sparrovale ..	3882	22.10.18	273	16½	7,517	3.81	286·48	175	336½
Bluebell of Sparrovale ..	3886	2.11.18	273	12	8,327	4·33	361·27	250	411⅜
Duchess of Sparrovale ..	3889	3.11.18	273	10½	5,719	4·56	261·10	175	297⅜
Princess Edith of Gowrie Park	2876	17.11.18	273	8½	7,120	4·27	304·29	250	346⅞
Rose of Sparrovale ..	3906	3.12.18	273	23½	8,478	4·58	388·94	200	443½
Flora of Sparrovale ..	3891	6.12.18	273	8½	5,553	5·16	286·58	200	326⅞
Belle of Sparrovale ..	3883	10.12.18	273	7½	6,312	5·43	332·51	200	379
Frolic of Sparrovale ..	2874	8.4.19	273	17½	8,371	4·02	336·77	250	384
Maid of Sparrovale ..	3900	19.4.19	273	18½	6,536	4·85	317·36	250	361⅜
Gipsy Girl of Sparrovale ..	3894	28.4.19	273	9½	7,601	4·89	371·95	200	424
Sybil of Sparrovale ..	3907	14.5.19	273	19½	6,919	4·50	311·24	175	354⅜
Clover of Sparrovale ..	2872	21.8.19	267	4	7,127	4·70	334·76	250	381½
Flower of Sparrovale ..	3893	24.8.19	273	11	8,271	4·71	389·82	250	444½
Maisie of Sparrovale ..	3901	28.8.19	273	13½	6,654	4·26	283·85	175	323½
Blossom of Sparrovale ..	3885	18.9.19	273	10	5,773	4·60	265·68	175	302⅞
Budding Rose of Sparrovale	3887	20.9.19	273	13	7,276	5·14	374·22	200	426½
May of Sparrovale ..	3902	23.9.19	259	4	6,249	4·27	267·17	200	304½

H. S. GIBSON, Tyntynder South. (Ayrshire.)

Completed during the year, 2. Certificated, 2.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Cockey of Ever Green ..	6360	24.7.19	*269	14	9,115	3·54	323·07	250	368½
Trixie of Ever Green ..	6362	12.9.19	273	14½	6,996	4·89	331·86	175	389½

* Withdrawn before completion of test.

W. C. GREAVES, Monomeith. (Ayrshire.)

Completed during the year, 4. Certificated, 4.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Flora of Warrook ..	5172	8.10.18	273	20	6,496	4·99	324·54	175	370
Verona of Warrook ..	5174	25.10.18	273	8¾	8,740	4·14	362·66	200	413½
Fashion of Warrook ..	5171	29.11.18	273	7¾	4,899	5·46	268·78	175	306½
Vanity of Warrook ..	2546	20.9.19	273	23	9,774	4·60	450·16	250	513¼

T. HARVEY, Boisdale. (Jersey.)

Completed during the year, 9. Certificated, 9.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Daisy V. of Holmwood ..	4978	15.10.18	273	6	6,066	4·91	297·80	200	339¼
Lady Marge of Jerseyholm	4981	27.5.19	273	16	7,339	6·09	447·21	250	509¼
Kirsty VII. of Jerseyholm ..	5918	8.6.19	273	13	5,721	5·79	331·05	175	377½
Kirsty VI. of Jerseyholm ..	4980	9.6.19	273	16½	7,173	6·23	447·27	200	509¼
Sparkle II. of Jerseyholm ..	5920	9.6.19	273	13½	5,204	5·85	304·37	175	347
Kirsty V.	4100	17.7.19	273	14	7,036	5·52	388·36	250	442¾
Empress II. of Holmwood ..	4979	24.7.19	273	13	7,594	5·10	387·66	200	441½
Bluebell of Jerseyholm ..	5916	31.7.19	273	12	5,905	5·70	346·73	200	396¼
Daisy VI. of Jerseyholm ..	5917	5.8.19	273	15	6,416	5·17	331·55	175	378

D. HENRY, Woorinen, Swan Hill. (Shorthorn.)

Completed during the year, 1. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Diana VI. of Braclands ..	Not yet allotted	14.8.19	273	25½	9,714	4·04	392·54	200	447½

S. C. HILL, Lower Plenty, Heidelberg. (Jersey.)

Completed during the year, 1. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Pretty Maiden II. of Kyora	5786	8.11.18	266	4	4,659	5·27	245·59	200	280

J. HUNTER, Tyntynder South. (Jersey.)

Completed during the year, 4. Certificated, 4.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Trixie of Tarnpirr.. ..	5173	21.4.19	273	21	7,430	6·15	457·14	200	521¼
Ringtail of Tarnpirr ..	5170	21.5.19	273	10	5,092	5·64	287·29	200	327¾
Rarity VIII. of Melrose ..	5560	22.7.19	273	40	12,673	5·67	718·58	250	819¼
Mates VI. of Melrose ..	6306	18.9.19	273	31	11,206	4·89	547·74	250	624½

W. HENDERSON, Grasmere. (Ayrshire.)

Completed during the year, 46. Certificated, 9.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter
				lbs.	lbs.		lbs.	lbs.	lbs.
Thelma of Carracoorte ..	4002	26.7.19	252	4	6,211	4·03	250·13	250	285
Betsy II. of Carracoorte ..	3969	30.7.19	241	4	6,601	3·97	262·18	250	298¾
Sparkle of Gleneira ..	4001	31.7.19	256	4	6,291	3·99	250·99	200	286
Dahlia II. of Gleneira	3975	2.8.19	215	4	5,503	4·03	222·05	200	253
Buttercup of Warrook ..	2539	3.8.19	244	4	6,315	4·03	254·27	250	289¾
Viola V.	4004	15.8.19	213	4	4,931	4·35	214·38	200	244¼
Lady Mac II. of Gleneira ..	3988	30.8.19	273	19½	6,956	4·30	299·42	250	341¼
Floss II. of Carracoorte ..	3982	11.9.19	258	4	9,593	3·63	348·03	250	369¾
Berry of Warrook	2901	23.9.19	246	4	7,388	5·32	392·88	250	448

J. HUTCHINSON, Somerville. (Jersey.)

Completed during the year, 6. Certificated, 6.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter
				lbs.	lbs.		lbs.	lbs.	lbs.
Audrey of Somerville ..	5946	3.4.19	273	25	8,395	4·92	412·82	200	470¼
Valdean of Somerville ..	5949	26.4.19	273	12½	5,054	5·20	262·83	175	299¼
Princess Victoria of Holmwood	5152	1.4.19	273	27	11,071	5·01	554·61	250	632¼
Beauty IV. of Somerville ..	Not yet allotted	1.7.19	273	22½	9,099	5·54	503·99	250	547¼
Valda of Tarnpirr ..	2989	2.7.19	273	14	5,530	5·42	299·75	250	341¾
Venus of Somerville ..	Not yet allotted	27.8.19	*204	18½	4,403	4·98	219·30	175	250

* Died before completion of test.

A. JACKSON, Glen Forbes. (Jersey.)

Completed during the year, 9. Certificated, 9.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Maitland's Canary of Lesterfield	Not yet allotted	5.10.18	273	10½	4,796	5·80	278·01	200	317
Moonlight of Lesterfield	,,	10.10.18	207	¼	4,051	5·50	222·86	200	254
Graceful Duchess XI. of Melrose	395 C.S.H.B.	16.10.18	273	15	7,924	6·38	505·77	250	576½
Mystery XIV.'s Handsome of Lesterfield	Not yet allotted	16.10.18	273	11½	5,961	5·17	308·26	175	351½
Mystery XIV.'s Beauty of Lesterfield	,,	18.10.18	273	12½	6,583	5·16	339·99	200	387½
Maitland's Floss	423 C.S.H.B.	4.1.19	273	16	5,553	5·22	289·91	250	330½
Graceful Duchess XII. of Melrose	5539	4.3.19	*191	15	4,526	6·19	280·32	250	319½
Creamy of Lesterfield	Not yet allotted	14.5.19	*263	16	6,951	4·78	332·11	200	378½
Graceful Countess of Lesterfield	,,	8.9.19	273	12	5,443	6·91	376·20	200	428½

* Withdrawn before completion of test.

A. W. JONES, Whittington, Geelong. (Friesian and Jersey.)

Completed during the year, 23. Certificated, 23.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Friesian—Completed during the year, 11. Certificated, 11.									
Princess Royal	Not yet allotted	24.10.18	273	17	10,932	3·78	412·07	250	469½
Melba	,,	25.10.18	273	23	7,424	4·03	299·07	175	341
Bolobek Brenda	,,	16.11.18	273	10½	5,654	3·89	219·85	175	250½
Bonnie Jean	,,	24.12.18	273	13½	10,761	3·68	396·77	250	452½
Pauline	,,	12.2.19	273	17½	9,931	4·06	403·29	200	459½
Lady Helen Porter	,,	16.3.19	*137	10½	7,057	3·64	256·73	250	292½
Bolobek Bess	,,	18.3.19	273	25½	10,436	4·04	421·77	250	480½
Her Royal Highness	,,	28.3.19	273	32	9,981	3·56	355·11	175	404½
Brooklands Maid	,,	29.7.19	273	29	9,155	4·28	392·03	175	446½
Queen of Holland	,,	21.9.19	273	27½	12,575	3·44	432·90	250	493½
May Queen II.	,,	24.9.19	273	36	12,974	4·75	616·66	250	703
Jersey—Completed during the year, 12. Certificated, 12.									
Lady Grey IV. of St. Albans	5057	4.10.18	273	10½	6,032	6·45	389·34	200	443½
Bright Jewel of St. Albans	5980	25.11.18	*243	10	5,546	5·90	327·34	250	373½
Jubilee XV.	5056	18.1.19	273	32½	10,412	5·20	551·67	250	629
Lady Grey V. of St. Albans	5058	22.1.19	273	23	7,418	5·43	402·65	200	459
Mermaid IV. of Melrose	6307	7.3.19	273	15½	6,170	6·44	397·09	200	452½
Silver Queen II. of Colac	4032	17.3.19	273	24	6,770	6·21	420·52	250	479½
Lady Grey I. of St. Albans	4186	20.6.19	273	20	8,679	6.10	529.34	250	603½
Blanchette III.	3753	25.8.19	273	15½	8,353	5·01	418·85	250	477½
Lady Grey VII. of St. Albans	Not yet allotted	1.9.19	273	12	4,910	5·33	261·86	175	298½
Blanchette I. of St. Albans	5054	1.9.19	273	22	8,392	5·30	446·20	250	508½
Fuchsia XIII. of Melrose	6300	24.9.19	273	18	6,815	5·96	406·57	200	463½
Neatest I. of St. Albans	Not yet allotted	25.9.19	273	13	5,227	5·65	295·24	175	336½

* Withdrawn through attack of mammitis.

S. A. JOHNSON, Woodend. (Ayrshire.)

Completed during the year, 5. Certificated, 4.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Joan of La Motte ..	5257	8.10.18	273	15	9,770	4·22	412·06	250	469¾
Bernice of Seafield ..	1781	11.12.18	273	4½	7,398	3·92	290·23	250	330¾
Molline of La Motte ..	5259	10.2.19	273	21	5,420	5·05	273·86	175	312¼
Judy of La Motte ..	5258	20.9.19	255	4	7,216	4·10	296·15	250	337½

G. A. KENT, Junr., Archie's Creek. (Ayrshire.)

Completed during the year, 5. Certificated, 4.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Winsome of Woolamai Park	5276	9.5.19	273	12	6,257	4·31	269·55	175	307¼
Lady Adonis of View Point	6477	1.8.19	273	4	7,074	3·69	261·18	250	297¾
Dinah of Mapleton ..	3511	12.8.19	273	7	6,615	4·38	289·91	250	330½
Bud of View Point ..	2163	20.8.19	253	4	6,583	5·04	332·11	250	378½

J. KERR, Bacchus Marsh. (Shorthorn.)

Completed during the year, 2. Certificated, 2.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Morven Pearl VIII. ..	Not yet allotted	10.9.19	273	10	9,202	3·67	337·85	250	385¼
Morven Daisy V.	,,	14.9.19	273	11	5,690	4·10	233·19	175	265¾

Mrs. E. M. LENNIE, Tongala. (Jersey.)

Completed during the year, 1. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Tulip II. of Bonshaw ..	Not yet allotted	7.9.19	273	13	4,902	4·84	237·15	175	270¼

C. G. KNIGHT, Toolern Vale. (Jersey.)

Completed during the year, 33. Certificated, 32.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Mystic of Tarnpirr ..	5163	8.11.18	273	15¼	6,408	5·99	383·83	200	437½
Royal Rose	2585	11.11.18	273	17½	7,687	5·72	439·90	250	501½
Bonnie	2980	12.11.18	273	16	6,867	5·24	359·75	250	410
Princess of Tarnpirr ..	2986	29.11.18	273	5½	6,818	4·95	337·74	250	385
Primrose of Tarnpirr ..	2985	6.12.18	273	12	5,945	5·40	321·34	250	366¼
Wattle of Tarnpirr ..	6040	*30.12.18	273	13	4,477	6·25	279·68	175	318¾
Lilac of Tarnpirr	6028	8.1.19	273	21½	6,772	4·79	324 96	175	370¾
Beautie of Tarnpirr ..	6023	18.1.19	273	16	5,271	6·56	345·88	175	394¼
Cooee of Tarnpirr ..	6025	21.1.19	273	16½	4,906	6·66	326·85	175	372¼
Good Day of Kameruka ..	6027	28.1.19	273	21	7,614	4·58	348·70	175	397¼
Pidgeon of Kameruka ..	6035	6.2.19	273	20	6,933	5·54	383·93	175	437¾
My Queen of Tarnpirr ..	4209	8.2.19	273	11½	5,803	5·77	334·98	250	381¾
Miss Fox of Tarnpirr ..	5162	11.2.19	273	21	6,576	5·62	369·32	200	421
Alice of Tarnpirr	4205	15.2.19	273	21½	7,215	5·49	395·91	250	451¼
Princess May of Tarnpirr ..	5168	15.2.19	273	18½	6,390	4·83	308·40	250	351½
Christmas of Tarnpirr ..	4206	1.3.19	273	15½	5,694	6·13	349·32	250	398¼
Mistletoe of Tarnpirr ..	2984	1.3.19	†216	16	5,478	4·84	265·44	250	302½
Pastime of Tarnpirr ..	5164	1.3.19	273	13½	5,505	5·58	307·34	200	350¼
Romany Girl of Tarnpirr ..	5171	4.3.19	273	18	7,089	5·29	374·80	200	427¼
Veronica of Tarnpirr ..	5174	8.3.19	†271	21½	6,714	5·03	338·02	200	385¼
Wedding Bell of Tarnpirr ..	6041	10.3.19	†269	17	5,515	5·93	326·91	175	372¾
Bluebell of Tarnpirr ..	6024	15.3.19	†264	15	5,071	5·30	268·66	175	306¾
Postcard of Tarnpirr ..	5167	22.3.19	†257	16	5,518	6·20	342·43	200	390¼
Rosebud of Tarnpirr ..	4210	23.3.19	†256	18	6,029	5·76	347·31	250	396
Silver Bell	6038	29.3.19	†249	15½	5,073	5·59	284·00	200	323¾
My Hope of Kameruka ..	6032	29.3.19	†249	18	6,581	5·09	334·84	175	381¾
Roseleaf of Tarnpirr ..	6037	31.3.19	†247	14	5,252	6·24	327·77	175	373½
Lady Choice of Tarnpirr ..	5160	25.5.19	273	16	7,897	6·00	474·26	200	540½
Idyll's Ideal	2096	29.5.19	†188	24½	6,144	4·62	283·88	250	323½
Bonnie II. of Tarnpirr ..	Not yet allotted	13.6.19	†174	15½	3,281	6·24	204·74	175	233½
Nimitabel of Kameruka ..	6033	17.6.19	†169	21	5,546	5·13	285·54	200	325½
Mistletoe II. of Tarnpirr ..	6030	1.7.19	273	12	7,900	5·69	449·52	175	512½

* Calved prematurely.
† Sold before completion of term.

J. A. LANG, Alvie. (Ayrshire.)

Completed during the year, 17. Certificated, 12.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Princess II. of Retreat ..	5394	1.10.18	273	14½	8,132	4·65	378·18	175	431
Docy of Yalart	3146	18.2.19	273	9½	7,183	4·79	344·02	250	392¼
Peggy of Riccarton ..	6512	14.3.19	273	5½	6,753	4·86	328·04	200	373¾
Esme of Inverkiel ..	3155	8.4.19	273	4	7,180	3·97	285·46	250	325½
Esme of Riccarton ..	6500	16.4.19	273	7	6,616	3·96	261·78	175	298¾
Dime of Riccarton ..	6496	16.4.19	264	4	5,411	4·75	256·86	200	292¾
Tabitha of Gleneira ..	3213	30.4.19	27	11	9,313	4·75	442·51	250	504½
Milkmaid of Riccarton ..	6505	8.6.19	273	9	6,169	4·49	277·48	175	316¼
Glorious of Roxburgh ..	5123	6.9.19	247	4	7,791	3·91	305·17	250	348
Chenille of Warradale ..	5870	6.9.19	273	5	4,960	4·26	211·93	175	241½
Lady Ida of Glen Avon ..	5319	17.9.19	234	4	4,900	4·13	202·52	200	231
Princess II. of Retreat ..	5394	24.9.19	273	5	6,919	4·93	340·87	200	388¾

AGRICULTURAL HIGH SCHOOL, Leongatha. (Jersey.)

Completed during the year, 9. Certificated, 9.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Sunset Star of Dunalister ..	5927	6.10.18	273	11	6,453	5·90	380·48	200	433¾
Mona's Pride of Woorayl ..	Not yet allotted	8.10.18	273	11	4,029	6·18	248·90	175	283¾
The Gift of Hillcrest ..	5928	9.10.18	273	13	6,248	5·03	314·43	250	358½
Surprise	Not yet allotted	18.4.19	273	16½	4,712	6·45	303·99	175	346½
Alice	,,	16.5.19	273	13½	4,996	6·30	314·83	175	358¾
First Choice	372 C.S.H.B.	18.8.19	273	12½	8,565	5·92	506·88	250	577¾
The Gift of Hillcrest ..	5928	29.8.19	273	19½	7,092	4·92	348·94	250	397¼
Sunset Star of Dunalister ..	5927	5.9.19	273	15	8,563	5·78	494·64	250	563¾
Mona of Hillcrest	5926	27.10.19	272	4	7,550	4·56	344·06	250	392¼

LESLIE and GERRAND, Sale. (Ayrshire.)

Completed during the year, 6. Certificated, 6.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Innocence of Raith ..	2942	30.9.18	*245	12	6,815	3·93	267·83	250	305¼
Flossie II.	6522	11.10.18	273	15	8,083	4·14	335·01	200	381¼
Peggy III. of Summerhill ..	5325	18.11.18	*264	14½	6,129	4·27	261·52	200	298
Daphne of Raith	5321	30.7.19	273	8	6,132	4·57	280·42	200	319¾
Argus of Raith	6519	30.8.19	231	4	7,140	3·80	271·46	250	309¼
Goldleaf of Raith	5322	22.9.19	*252	8	7,380	4·21	310·89	250	354¼

* Withdrawn before completion of test.

H. LIDGETT, Myrniong. (Shorthorn.)

Completed during the year, 16. Certificated, 9.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Moss Rose XIII.	Not yet allotted	10.2.19	273	8	6,520	4·31	281·51	175	321
Daphne XXI.	,,	3.3.19	273	4	5,021	3·90	195·93	175	223¼
Ruby II.	,,	20.3.19	273	14	8,135	4·34	353·07	250	402¼
Hillfield Duchess 19th ..	,,	28.3.19	273	13	6,872	4·03	277·12	175	316
Duchess of Pentland 26th ..	,,	28.3.19	273	14	5,950	3·92	232·00	175	264½
Montrose II.	,,	7.5.19	273	17	9,239	4·42	408·16	250	465¼
Duchess of Pentland 25th ..	,,	13.8.19	273	6½	7,376	4·59	338·88	250	386¼
Royal Duchess	,,	21.8.19	273	4	5,383	4·32	232·76	200	265¼
Duchess of Pentland 16th ..	,,	8.9.19	273	17	7,423	3·86	286·35	250	326½

C. D. LLOYD, Caulfield. (Jersey.)

Completed during the year, 11. Certificated, 11.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Golden Fern of Glen Iris ..	6058	1.10.18	273	5½	3,682	6·60	243·19	175	277½
Sapphira of Glen Iris ..	6060	9.10.18	273	9	4,033	6·22	251·05	175	286¼
Chatter of Glen Iris ..	6054	19.10.18	273	9	3,406	6·42	218·61	175	249½
Creambread	4239	7.10.18	273	11½	6,210	6·13	380·59	250	433½
Mercedes Noble Queen (imp.)	4241	17.11.18	273	24	10,041	6·26	628·97	250	717
Brown Cake of Glen Iris ..	6053	28.11.18	273	5	2,907	6·49	188·68	175	215
Countess Twylish	928	27.7.19	273	17	9,526	4·07	388·00	250	442½
Golden Fern of Glen Iris ..	6058	17.8.19	273	12	5,240	6·33	331·97	200	378½
Creamcake	5195	22.8.19	273	15½	6,578	6·11	402·09	250	458½
Chloe of Glen Iris ..	6055	28.8.19	*209	12½	4,603	5·28	243·15	200	277
Ryebread of Glen Iris ..	6059	29.8.19	273	13½	5,600	5·74	321·55	200	366½

* Sold before completion of term.

C. GORDON LYON and R. R. KERR, Heidelberg. (Jersey.)

Completed during the year, 32 Certificated, 32.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Molly IV. of Banyule ..	4246	20.10.18	273	22	8,499	4·97	422·30	250	481½
Colleen Bawn	2824	26.10.18	273	8½	5,200	5·61	292·03	250	332¼
Majesty's Starbright ..	1185	13.11.18	*239	12	5,538	5·32	295·14	250	336½
Thora III.	5223	13.11.18	273	15	6,834	5·26	359·73	250	410
Maitland's Petal	3338	22.11.18	273	21	7,120	5·37	382·51	250	436
Thora IV.	5224	12.12.18	273	19	7,058	6·24	440·83	250	502½
Magnet's Lass III. ..	4263	24.12.18	273	18½	6,966	5·77	402·02	250	458¼
Olive	2971	24.12.18	273	25	7,747	5·18	401·66	250	457¾
Lassie VII. of Banyule ..	6069	2.1.19	273	12½	4,127	5·69	234·99	175	267¾
Thora IV of Banyule ..	6083	2.1.19	273	16½	5,312	5·28	280·88	175	320¼
Melford Mascotte	5215	3.1.19	273	20	6,860	5·54	380·54	200	433¾
Statuette	4251	1.2.19	273	15	6,843	5·77	394·93	250	450¼
Ettie V. of Banyule ..	5204	7.2.19	273	22	7,548	5·38	406·03	200	462¼
Silvermine XIII. of Banyule	4250	10.2.19	273	22½	6,854	5·20	356·79	250	406¾
Lassie VIII. of Banyule ..	6070	16.2.19	273	14½	4,984	5·46	272·11	175	310¼
Molly V. of Banyule ..	5216	27.2.19	273	17½	7,730	5·73	442·74	250	504¼
Starfinch III.	6082	27.3.19	273	12½	4,462	5·98	267·02	175	304½
Starfinch II.	2915	28.3.19	273	30	8,560	4·83	413·78	250	471¼
Hawthorn IV. of Banyule ..	5207	14.4.19	273	26	8,190	5·98	489·60	250	558
Soprano II.	6081	16.4.19	273	18	5,484	6·07	332·97	175	379½
Silvermine XVII. of Banyule	6079	2.5.19	273	14½	4,653	4·90	228·10	175	260
Hawthorn VII. of Banyule	6068	30.5.19	273	13	5,443	5·51	300·14	175	342¼
Soprano	1395	1.6.19	273	11	5,384	5·76	310·42	250	353¼
Hawthorn VI of Banyule ..	5209	4.6.19	273	8½	5,240	4·99	261·68	200	298½
May XII.	6074	24.8.19	273	15	4,745	5·37	254·90	175	290¼
Milkmaid 37th	1222	3.9.19	273	20	8,887	4·98	442·23	250	504¼
Zoe VI. of Banyule ..	6088	5.9.19	273	11½	6,438	6·48	417·55	200	476
Harp	5206	12.9.19	273	19½	8,093	5·68	460·06	250	524½
Dorothy II. of Holmwood ..	Not yet allotted	12.9.19	273	12	5.932	5·49	325·63	200	371¼
Silvermine XVIII. ..	6080	21.9.19	273	17½	6,299	5·67	357·89	175	408
Pearl V. of Holmwood ..	Not yet allotted	21.9.19	273	17	6,350	5·34	338·89	200	386½
Lily V. of Holmwood ..	,,	25.9.19	273	16	6,349	5·49	348·79	200	397½

* Withdrawn owing to sickness.

J. MACKENZIE, Glenroy. (Jersey.)

Completed during the year, 2. Certificated, Nil.

L. McFARLANE, Bundoora. (Ayrshire.)

Completed during the year, 8. Certificated, 8.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Beryl of Gleneira	2441	28.9.18	243	3½	8,516	4·61	392·83	250	447¾
Daphne of Ayrbrae ..	5403	6.10.18	273	11	5,676	5·07	287·91	175	328½
Mulberry II. of Gleneira ..	3443	17.10.18	273	11	8,514	3·94	334·74	200	381½
Sylvan Maid of Glenalvie ..	5408	31.7.19	248	3½	8,030	4·26	342·17	250	390
Geranium of Seafield ..	2884	5.8.19	273	5	6,665	4·90	326·93	250	372¾
Peeress II. of Flinders ..	5407	7.8.19	273	9	7,026	4·65	326·74	250	372½
Bashful of Winslade ..	4353	12.9.19	258	4	8,100	4·16	337·13	250	384¼
Mulberry of Ayrbrae ..	5405	20.9.19	262	4	4,551	4·15	202·72	175	231

F. McIVER, Murraydale, Swan Hill. (Ayrshire.)

Completed during the year, 1. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Murmur IV. of Gleneira ..	6644	20.7.19	273	14	8,232	3·84	316·11	250	360¼

W. J. McKERNAN, Tatura. (Ayrshire.)

Completed during the year, 2. Certificated, 2.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Dot of Golden Vein ..	2634	15.8.19	273	11½	7,194	4·82	346·94	250	395¼
Rosalind of Glengarnock ..	2295	10.9.19	226	4	6,472	3·94	255·52	250	291¼

P. J. MALONEY, Tongala. (Jersey.)

Completed during the year, 2. Certificated, 2.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Lady Bonshaw	Not yet allotted	9.6.19	273	18	5,497	4·99	274·44	175	312¾
Buttercup of Bonshaw ..	„	8.8.19	273	15½	5,885	5·35	315·12	200	359¼

MEIER BROS., Box Hill. (Jersey.)

Completed during the year, 3. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Mike's Delicious of Fairview	6137	22.8.19	273	14½	4,903	4·65	227·86	175	259½

J. R. MITCHELL, Sandford. (Red Poll.)

Completed during the year, 6. Certificated, Nil.

T. MESLEY, Dalyston. (Jersey.)

Completed during the year, 17. Certificated, 17.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
La Charme	5218	30.9.18	273	21½	8,126	5·39	438·23	250	499½
Omeo	5253	6.11.18	273	18½	8,158	4·34	353·92	250	403½
Shadow of Luscombe ..	6143	9.1.19	273	13½	4,815	5·83	280·90	200	320½
Keynote	5247	7.2.19	273	22½	6,436	6·29	405·11	200	461½
Garenne III. of Warenda ..	6140	16.2.19	273	11	3,777	5·80	219·18	175	249½
Daisy of Springhurst ..	1788	17.5.19	273	20	7,612	6·06	461·35	250	525½
Little Queen	5249	26.5.19	273	18½	6,880	5·46	375·99	250	428½
Fairy Belle of Warenda ..	5241	26.5.19	273	12½	5,138	6·26	321·70	250	366½
Belle of Warenda	Not yet alloted.	11.6.19	273	10½	4,401	6·97	307·01	175	350
Namesake II.	5251	11.7.19	255	20	7,617	4·84	368·89	250	420½
Brighton Peeress	6139	24.7.19	*223	8½	5,253	5·49	288·57	200	329
Alsyke of Springhurst ..	1515	31.7.19	273	5½	6,941	5·33	369·70	250	421½
Gazelle	5243	4.8.19	273	18½	6,987	4·51	315·60	250	359½
Phyllis of Luscombe ..	5254	7.8.19	273	16	8,294	4·82	399·96	250	456
Garenne II.	5242	15.8.19	273	13½	7,184	5·67	407·16	250	464½
Warrenda	5250	7.9.19	273	19½	6,908	5·21	360·32	250	410½
Charmian	5239	11.9.19	273	16½	7,496	5·12	383·86	250	437½

* Sold before completion of term.

H. C. MONCKTON, Whittington, Geelong. (Jersey.)

Completed during the year, 1. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Peerless XII. of Melrose ..	6309	8.5.19	273	16	6,259	5·99	374·78	200	427½

D. C. MORRISON, Tatura. (Ayrshire.)

Completed during the year, 14. Certificated, 11.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Daisy of Bundara ..	4258	20.10.18	273	7	7,932	4·95	393·19	250	448½
Bertha of Warrook ..	1851	29.10.18	247	4	6,128	4·32	268·95	250	306½
Jean of Bundara	4262	2.11.18	254	4	6,550	4·78	313·45	250	357½
Pride of Bundara	4269	19.11.18	273	9	8,747	4·07	356·73	250	406¼
Esther of Bundara ..	4259	22.7.19	254	4	5,833	4·67	272·36	200	310¼
Jessie's Pride of Bundara ..	4263	22.7.19	273	7½	7,068	4·17	294·58	250	335¼
Sylvia of Bundara ..	4272	29.7.19	273	4	5,506	3·71	204·31	200	232¼
Jean of Bundara	4262	31.8.19	264	4	6,924	4·46	308·56	250	351¼
Beauty of Bundara ..	4256	31.7.19	262	5	6,349	4·24	269·49	250	307½
Patience of Golden Vein ..	2649	2.8.19	273	8	6,960	3·89	271·06	250	309
Daisy of Bundara ..	4258	27.8.19	273	12	8,615	5·22	449·56	250	512½

MUHLEBACH BROS., Batesford. (Ayrshire.)

Completed during the year, 8. Certificated, 8.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Daffodil of Retreat ..	5383	14.10.18	273	5	5,817	4·42	257·62	175	294½
Cloverleaf of Retreat ..	4323	31.10.18	273	12	5,984	4·43	266·19	175	303½
Modesty of Retreat ..	4335	24.11.18	273	13½	5,855	4·66	274·41	175	312¾
Gracie of Retreat ..	5386	25.3.19	*261	11½	5,640	4·83	272·46	175	310½
Dot of Retreat	5385	2.7.19	273	18½	8,521	4·49	382·43	250	436
Holly of Retreat	5387	3.7.19	273	17	7,813	4·88	381·59	200	435
Cloverleaf of Retreat ..	4323	17.9.19	273	8½	6,032	4·27	257·37	200	293½
Mermaid of Retreat ..	4334	23.9.19	273	12½	6,129	4·97	304·67	175	347½

* Withdrawn before completion of term.

Mrs. L. ORCHARD, Grahamvale. (Jersey.)

Completed during the year, 4. Certificated 2.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Alice of Grahamsvale ..	5328	11.10.18	*271	7½	4,875	5·34	260·60	250	297
Pansy of Grahamvale ..	5330	25.1.19	273	10	4,021	5·30	212·97	200	242¾

* Withdrawn before completion of term.

W. PARBURY, Warburton. (Jersey.)

Completed during the year, 8. Certificated, 7.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Verbena	Not yet allotted	11.10.18	273	15	7,248	5·83	422·51	250	481¾
Golden Leaf of Hillcrest ..	,,	23.10.18	*269	14½	6,446	4·38	282·35	250	321½
Rosebud of Brookfield ..	,,	27.10.18	273	13	5,161	4·55	234·91	175	267¾
Flower of Brookfield ..	566 C.S.H.B.	1.11.18	273	12½	5,214	5·80	302·31	200	344½
Songstress	519 C.S.H.B.	9.11.18	273	8	5,242	4·92	257·99	250	294
Jewel	416 C.S.H.B.	20.11.18	273	18½	7,760	5·52	428·10	250	488
Sweet Alice	532 C.S.H.B.	5.1.19	273	9	4,960	6·18	306·45	250	349¼

* Withdrawn before completion of term.

J. and E. M. PHILLIPS, Nyora. (Jersey.)

Completed during the year, 3. Certificated, 3.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Flo II.	193 C.S.H.B.	25.10.18	273	11	5,746	5·10	293·00	250	334
Canary 26th	213 C.S.H.B.	22.11.18	273	7½	5,575	5·71	318·28	250	362¾
Duchess of Lesterfield ..	161 C.S.H.B.	11.12.18	273	11½	6,066	4·31	261·54	250	298¼

R. RALSTON, Moglonemby. (Ayrshire.)

Completed during the year, 22. Certificated, 17.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Given of Ben Kell.. ..	4574	2.10.18	251	4	4,822	4·89	236·00	200	269
Treasure of Ben Kell ..	4589	6.11.18	273	13½	6,774	3·98	269·68	200	307¼
Lady Dutchess of Ben Kell	4578	1.10.18	273	11	5,208	3·87	202·03	175	230¼
Princess of Ben Kell ..	3054	20.3.19	273	12	7,498	4·43	332·09	250	378½
Lady Mary of Ben Kell ..	3050	20.4.19	272	4	6,483	4·93	319·67	250	364½
Dairymaid of Ben Kell ..	3048	20.4.19	273	16	7,322	4·60	337·08	250	384¼
Isabelle of Ben Kell ..	4577	23.4.19	238	4	4,827	4·22	203·66	200	232
Pearl of Ben Kell ..	3052	27.4.19	273	10½	7,560	4·45	336·73	250	383¾
Poppy of Ben Kell ..	4584	19.5.19	273	4	6,131	5·29	324·33	175	369¼
Bud of Ben Kell	4571	12.6.19	232	4	5,394	4·55	245·75	200	280
Wee Edna of Ben Kell ..	3056	16.6.19	214	3½	6,066	4·20	254·89	250	290½
Pearline of Ben Kell ..	4583	24.6.19	221	5½	4,142	4·49	186·15	175	212¼
Alice of Ben Kell	3046	17.7.19	231	4	6,010	4·47	268·99	250	306½
Onyx	4581	13.8.19	273	9½	6,780	4·97	337·02	250	384¼
Given of Ben Kell ..	4574	14.8.19	229	4	6,252	4·94	309·19	250	352½
Alma II.	2300	21.8.19	273	7	6,260	4·53	283·40	250	323
Lady Virtue of Ben Kell ..	4580	21.9.19	273	10½	8,038	4·08	327·94	200	373¾

Miss BRUCE REID, Bundoora. (Jersey.)

Completed during the year, 11. Certificated, 11.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Jubilee Azalea Winks ..	Not yet allotted	30.9.18	*269	18	5,973	5·96	355·86	175	405¾
Jubilee Cherry's Fawn ..	,,	30.9.18	*269	13	5,533	6·32	349·61	200	398½
Jubilee Red Rose	,,	4.10.18	*269	15½	5,869	5·08	298·31	175	340
Retford Fawn	3056	5.10.18	*264	16½	7,983	5·06	404·30	250	460¾
Jubilee Twilight Rambler ..	Not yet allotted	23.11.18	273	11	4,464	5·24	234·15	175	266¼
Mountain Mist	470 C.S.H.B.	7.12.18	273	14½	5,127	5·65	289·68	200	330¼
Willoh's Dagmar	551 C.S.H.B.	26.12.18	273	10½	4,489	5·55	249·54	200	284½
Jubilee Wynda Wild Flower	Not yet allotted	14.1.19	273	11	4,904	5·51	270·34	175	308¾
Jubilee Hydrangea ..	,,	19.3.19	273	11½	3,716	4·89	181·70	175	207¼
Jubilee Clematis	,,	11.7.19	273	8	3,894	5·75	223·76	175	255
Retford Ethel	6211	16.8.19	273	16½	6,234	5·35	333·67	250	380¼

* Withdrawn before completion of term.

J. D. READ, Springhurst. (Jersey.)

Completed during the year, 33. Certificated, 32.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Verbena of Springhurst ..	5407	21.2.19	273	14½	5,663	5·15	291·43	250	332½
Balsam of Springhurst ..	4376	3.3.19	273	15	6,508	5·29	344·61	250	392¾
Penstemon of Springhurst ..	6205	21.3.19	273	10½	4,613	5·18	239·17	175	272½
Czarina of Springhurst ..	4380	25.3.19	273	12	7,063	5·53	390·75	250	445½
Dolichos of Springhurst ..	6203	25.3.19	273	11	4,326	4·63	200·40	175	228½
Dauphine of Springhurst ..	6202	25.3.19	273	12½	4,308	5·83	251·12	175	286¼
Clover of Springhurst ..	6201	26.3.19	273	11	4,685	5·62	263·26	175	300
Daffodil of Springhurst ..	4381	26.3.19	273	13	5,819	5·77	335·57	250	382½
Art of Springhurst ..	6199	29.3.19	273	9½	5,407	4·55	246·09	175	280½
Infanta of Springhurst ..	5396	30.3.19	273	9	5,768	5·20	299·92	250	341¼
Camellia of Springhurst ..	6200	1.4.19	273	10½	4,690	5·61	263·20	175	300
Begum of Springhurst ..	5388	2.4.19	273	10	5,439	5·55	302·18	175	344½
Science of Springhurst ..	6207	5.4.19	273	11	3,753	5·38	201·91	175	230
Acacia of Springhurst ..	6198	5.4.19	273	13½	4,487	5·02	225·40	175	257
Crocus of Springhurst ..	5393	7.4.19	273	13	6,421	5·74	368·62	250	420¼
Anemone of Springhurst ..	5386	8.4.19	273	17½	5,983	4·99	298·63	200	340½
Banksia of Springhurst ..	5387	8.4.19	*270	10½	5,964	5·70	340·27	250	387¾
Princess Royal of Springhurst	5403	15.4.19	273	17½	5,552	6·02	334·29	200	381
Cobaea of Springhurst ..	4379	18.4.19	273	9½	7,047	4·86	342·66	250	390½
Nightshade of Springhurst ..	3707	22.4.19	273	16½	8,589	4·90	421·02	250	479¼
Tulip of Springhurst ..	2730	28·4·19	273	12½	5,303	5·45	289·33	250	329¼
Freeiza of Springhurst ..	4382	1.5.19	273	10½	6,052	5·66	342·50	250	390½
Ixia of Springhurst ..	5397	15.5.19	273	10½	6,667	4·66	310·77	175	354¼
Lucerne of Springhurst ..	5399	19.5.19	273	10½	6,156	5·43	334·22	200	381
Brighton Princess of Springhurst	5391	25.5.19	273	6½	5,327	5·06	269·76	200	307½
Columbine of Springhurst ..	5392	31.5.19	273	7½	4,646	5·56	258·13	200	294½
Wattle of Springhurst ..	5408	1.6.19	273	5½	5,529	5·27	291·54	250	332½
Seaweed of Springhurst ..	6208	6.6.19	273	6½	4,226	5·33	225·48	175	257
Belladonna of Springhurst ..	5389	14.6.19	273	7	5,547	4·57	253·35	200	288¾
Fleur-de-lys of Springhurst ..	5394	17.6.19	273	6	6,863	4·82	330·92	200	377¼
Wistaria of Springhurst ..	5409	29.6.19	273	5	3,875	5·55	215·19	200	245¼
Scabia of Springhurst ..	6206	11.8.19	273	7	3,334	5·88	195·92	175	223½

* Withdrawn before completion of term.

MISS S. L. ROBINSON, Malvern. (Jersey.)

Completed during the year, 10. Certificated, 8.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Kyora's Lotina IV. ..	Not yet allotted	11.10.18	273	12½	4,741	4·79	227·35	175	259½
Kyora's Defender's Claribelle II.	,,	27.1.19	273	12½	4,388	5·03	220·59	175	251½
Pilbara of Kyora	6221	28.1.19	262	4	5,188	6·07	315·25	200	359½
Puen Buen Velvet VII. ..	3973	29.1.19	273	12	5,443	4·69	255·00	250	390¾
Bonnie Doon's Pride ..	Not yet allotted	20.3.19	273	9	4,291	5·91	253·53	175	289
Kyora's Claribelle VII. ..	,,	8.8.19	273	7½	4,731	4·99	235·99	200	269
Twinkle	538 C.S.H.B.	13.8.19	256	4	5,998	4·26	255·81	250	291¾
Kyora's Lassie	Not yet allotted	23.9.19	267	4	4,371	5·27	230·43	200	262¾

J. H. ROGERS, Yarraville. (Ayrshire.)

Completed during the year, 3. Certificated, 3.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter
				lbs.	lbs.		lbs.	lbs.	lbs.
Milly of Rythdale ..	2882	25.8.19	273	8	8 781	3·36	294·95	250	336¼
Olive of Willowvale ..	4483	8.9.19	273	22½	8 403	4·25	356·94	250	407
Future of Warrook ..	2244	19.9.19	273	7	6 604	4·41	291·04	250	331¾

G. ROWE, Kardella. (Jersey.)

Completed during the year, 4. Certificated, 4.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Rose	509 C.S.H.B.	31.12.18	273	8	5,692	4·63	263·71	250	300½
Sweet Pansy V. of Melrose	Not yet allotted	12.8.19	273	8½	4,073	6·03	245·50	175	279¾
Daffodil	157 C.S.H.B.	14.9.19	271	4	5,839	4·47	258·24	250	294½
Ruby	513 C.S.H.B.	16.9.19	273	8	6,777	4·07	275·90	250	314½

S. ROWE, Mt. Eccles. (Jersey.)

Completed during the year, 8. Certificated, 7.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Quality VII. of Melrose ..	6310	5.10.18	273	25	8,459	4·99	421·85	200	480¾
Larkspur's Claribelle VI. ..	3772	14.12.18	273	21½	8,060	4·88	393·33	250	448½
Lucy of Mt. Eccles	5438	27.7.19	273	13½	5,089	5·38	273·86	175	312¼
Twylish Queen of Mt. Eccles	5441	11.8.19	273	11½	6,371	5·16	328·78	250	374¾
Tiddlewinks II. of Holmwood	5440	24.8.19	273	10½	8,424	5·43	457·29	250	521½
Lass' Favourite of Kyora ..	6234	24.8.19	273	10	7,860	5·26	413·50	250	471½
Lady Elector VI. of Melrose	Not yet allotted	1.9.19	273	12	5,311	6·19	328·62	175	374½

RYAN and HOWLEY, Axedale. (Ayrshire.)

Completed during the year, 1. Certificated, Nil.

C. J. REID, Devenish. (Jersey.)

Completed during the year, 5. Certificated, 2.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Chevy VI. of Melrose ..	3635	12·3·19	273	18½	6,598	4·14	273·07	250	311¼
Carine of Clarendoneyre ..	Not yet allotted	22.7.19	273	8	4,040	5·31	214·49	175	244½

SADLER BROS., Noorat. (Ayrshire.)

Completed during the year, 17. Certificated, 14.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Ruthven of Yalart ..	5849	18.3.19	*253	7¼	6,461	3·91	252·74	200	288
Esme of Yalart	5839	2.4.19	*241	11½	6,543	3·66	239·28	200	272½
Lesbia of Yalart	3180	4.4.19	273	13	7,363	4·24	312·23	250	356
Ruffy of Ecclefechan ..	3086	15.4.19	273	7½	6,855	3·85	264·03	250	301
Agate of Yalart	5832	18.4.19	273	10	5,553	3·83	212·58	200	242½
Lady Burnbrae	4612	27.4.19	273	13	7,604	4·22	320·63	250	365½
Lenore of Ecclefechan ..	2692	26.6.19	273	17½	7,573	4·33	327·79	250	373¾
Laurel of Burnbrae ..	4615	16.7.19	273	15	6,610	4·03	284·51	250	324
Thelma of Viewpoint ..	4622	26.7.19	273	13	7,082	4·22	299·08	175	341
Ada of Wethersdane ..	4152	29.8.19	273	12	7,298	3·95	288·35	200	328¾
Lena of Burnbrae ..	4616	4.9.19	273	4½	5,206	4·31	224·61	200	256
Minerva of Burnbrae ..	6184	17.9.19	273	14	6,219	3·88	241·49	175	275¼
Fairlie of Burnbrae ..	4609	22.9.19	273	14	7,081	4·53	320·70	250	365¼
Ruby of Burnbrae ..	3085	24.9.19	273	20	8,704	3·78	329·04	250	375

* Withdrawn before completion of term.

F. W. SADLER, Camperdown. (Shorthorn.)

Completed during the year, 4. Certificated, 3.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Red Pet	Not yet allotted	28.9.18	273	16	8,404	4·07	342·51	250	390½
Rosetta III.	,,	30.3.19	273	19	7,808	3·92	305·80	175	348¼
Poplar Vale Princess 35th ..	,,	28.5.19	273	9½	5,518	3·93	216·72	175	247

AGRICULTURAL HIGH SCHOOL, Sale. (Ayrshire.)

Completed during the year, 8. Certificated, 4.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk Last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	bs.		lbs.	lbs.	lbs.
Madeira Flinders	1740	30.12.18	273	20	8,391	3·99	334·65	250	381½
Young Madeira of Latrobe	4814	8.2.19	273	13	5,482	4·10	225·03	175	256½
Gladys of Ellerslie ..	4810	30.4.19	273	13	6,347	4·65	295·48	250	336¾
Alberta of La Trobe ..	6097	30.7.19	273	11½	6,412	3·93	251·82	250	287

A. H. S. SCHIER, Caldermeade. (Ayrshire.)

Completed during the year, 18. Certificated, 9.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Rosebud of Glencairn ..	5662	4.10.18	273	8½	4,925	4·09	201·38	175	229½
Model II. of Pine Grove ..	4635	2.11.18	262	4	4,084	5·08	207·34	200	236¼
Betty II. of Pine Grove ..	4624	21.11.18	273	4½	4,329	4·68	202·64	200	231
Rosebud II. of Pine Grove	4641	5.12.18	273	5	5,162	4·05	209·16	200	238½
Phyllis	4639	15.1.19	273	12	4,615	4·38	202·00	175	230¼
Countess II. of Pine Grove..	4627	22.4.19	273	7½	4,636	4·71	218·54	200	249¼
Myrtle II. of Pine Grove ..	4637	13.7.19	273	13	6,151	4·29	264·17	200	301¼
Jean of Glengowrie ..	3856	23.7.19	273	15	6,738	3·93	265·11	200	302¼
Daisy of Inverleigh ..	6855	11.9.19	273	17	5,588	4·27	238·63	175	272

J. SCOTT, Chiltern. (Jersey.)

Completed during the year, 4. Certificated, 4.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Maitland's Petal III. ..	5212	9.8.19	265	4	5,473	5·59	306·24	250	349
Cora II. of Havilah ..	6064	11.8.19	273	6	5,548	5·77	320·30	200	365
Flavoria II. of Havilah ..	6067	13.8.19	262	4	4,607	5·15	237·21	200	270½
Captor's Thora	3329	21.9.19	273	5	5,155	5.24	270.25	250	308

A. SPIERS, Nalangil. (Ayrshire.)

Completed during the year, 21. Certificated, 20.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Ada of Ayrshire Bank ..	5959	9.10.18	273	16	8,663	4·00	346·59	250	395
Merry V. of Ayrshire Bank	5970	11.10.18	273	20½	7,378	4·28	315·92	250	360
Holly II. of Ayrshire Bank..	5965	7.11.18	234	4	6,177	4·21	260·25	250	296¾
Bramble of Ayrshire Bank..	3251	10.11.18	273	26	9,132	4·27	389·74	250	444½
Holly IV. of Ayrshire Bank	5966	10.11.18	273	21½	7,560	4·18	316·28	250	360½
Holly of Ayrshire Bank ..	2066	21.11.18	273	12½	8,333	3·93	327·26	250	373
Hazel of Blair Athol ..	6897	16.12.18	*265	19½	7,025	4·70	330·77	250	377
Molly V. of Ayrshire Bank	5971	18.1.19	273	37½	10,055	3·51	353·28	250	401½
Dolly V. of Ayrshire Bank	5963	2.7.19	263	4	6,751	4·12	278·50	250	317½
Bramble II. of Ayrshire Bank	5961	19.7.19	273	10½	8,452	4·33	366·01	250	417½
Ada of Blair Athol ..	5960	22.7.19	273	14½	8,675	4·15	359·80	250	410¼
Camellia IV. of Ayrshire Bank	5962	25.7.19	273	10	7,947	4·47	355·05	250	404¾
Pet of Retreat	4337	17.8.19	273	8	8,520	3·85	328·65	250	374¾
Marjorene of Retreat ..	2962	18.8.19	273	11½	9,260	3·80	352·26	250	401½
Daphne of Retreat ..	2959	23.8.19	271	4	8,028	3·71	298·54	250	340½
Holly II. of Ayrshire Bank ..	5965	23.9.19	217	4	6,791	3·94	267·83	250	305¼
Marcella of Ayrshire Bank ..	3259	24.8.19	†236	12	7,988	3·95	315·25	250	359¼
Fairy V. of Ayrshire Bank	5964	26.8.19	273	15	8,778	3·93	345·01	250	393¾
Marion of Ayrshire Bank ..	5969	28.8.19	273	11	8,394	4·12	345·95	250	394½
Ada of Ayrshire Bank ..	5959	9.9.19	273	15¼	7,986	3·75	299·74	250	341¾

* Record ceased prematurely.
† Withdrawn before completion of term.

H. STONE, Cohuna. (Shorthorn.)

Completed during the year, 1. Certificated, 1.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Baldwyn's Cherry ..	Not yet allotted	25.5.19	273	7	7,537	4·06	306·44	250	349¼

D. G. TOMKINS, Coleraine. (Jersey.)

Completed during the year, 4. Certificated, 4.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk Last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Golden Lassie of Clover Flat	5482	12.11.18	*265	13	4,918	4·26	209·84	175	239¾
Cloth of Gold of Clover Flat	4457	21.4.19	273	25	8,697	4·82	419·55	250	478¼
Lassie VII.'s Princess of Clover Flat	6245	2.8.19	273	22½	7,847	4·77	374·41	175	426¼
Lassie IV. of Clover Flat ..	5485	25.8.19	273	12½	7,623	4·69	357·41	200	407½

* Sold before completion of term.

O. J. SYME, Macedon. (Friesian.)

Completed during the year, 19. Certificated, 19.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Duplicate Posch Maud ..	Not yet allotted	7.10.18	260	4	9,457	3·67	347·65	250	396¼
Bolobek Ethel	,,	9.10.18	273	20	10,104	4·32	449·73	250	512⅞
Bolobek Lass	,,	11.10.18	273	20	12,253	3·40	418·04	200	476½
Bolobek Rhoda	,,	6.11.18	273	9	10,929	3·57	391·12	250	445¾
Bolobek Amabel	,,	12.11.18	273	18½	7,227	4·22	305·27	175	348
Barbara of Brundee ..	,,	1.12.18	254	4	8,814	3·33	294·37	250	335½
Queen of Friesland Park ..	,,	10.1.19	273	31	11,351	3·52	400·20	250	456½
Domino's Hergeveld Belle ..	,,	21.1.19	273	25	10,195	3·90	397·94	250	453⅜
Princess Ena	,,	23.1.19	273	30½	11,448	3·86	441·88	250	503⅜
Bolobek Jean	,,	9.3.19	273	23	9,338	3·84	358·52	200	408¼
Duchess of Friesland Park ..	,,	10.3.19	273	24½	10,045	3·57	358·89	250	409
Jennie de Kol	,,	20.4.19	273	20	10,196	3·92	400·25	250	456½
Pearl of Friesland Park ..	,,	15.5.19	273	13	11,041	3·92	432·51	250	493
Bolobek Dolly Gray ..	,,	2.7.19	273	18½	11,071	3·86	428·09	250	488
Bolobek Isabella	,,	21.7.19	273	11	8,844	3·60	318·90	250	363½
Bolobek May	,,	24.7.19	273	31½	12,277	3·53	432·92	250	493½
Bolobek Joan	,,	9.8.19	*182	19½	5,999	3·27	196·16	175	224
Bolobek Aaggie	,,	15.9.19	273	33	12,668	4·05	512·56	200	584½
Bolobek Lass	,,	16.9.19	273	33 ⅞	12,232	3·37	412·38	250	470

* Sold before completion of test.

H. WEBB, Narrewarren. (Ayrshire.)

Completed during the year, 8. Certificated, 6.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Hazel of Holly Green ..	4768	16.4.19	273	13	6,249	4·48	279·75	200	318⅜
Jessie of Holly Green ..	4769	7.5.19	273	17½	6,303	4·38	276·02	200	314¼
Rosette of Holly Green ..	4783	12.5.19	273	9½	7,732	4·89	378·23	250	431½
Primrose of Holly Green ..	4779	23.6.19	273	15½	6,596	4·03	266·00	200	303½
Ada IV. of Fernhill ..	4687	1.7.19	273	18	11,492	3·60	413·96	250	471⅞
Frolic of Holly Green ..	4766	7.9.19	273	13	5,683	4·36	247·81	175	282½

G. H. WINDSOR, Pakenham. (Jersey.)

Completed during the year, 5. Certificated, 4.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Rarity IX. of Melrose ..	6311	19.10.18	*270	16½	6,343	5·76	365·13	200	416¼
Linda 35th of Kingsvale ..	6278	26.10.18	273	12	6,246	5·25	328·14	200	374
Tulip of Meridale	Not yet allotted	8.12.18	273	11½	4,242	5·37	227·88	175	259¾
Fescie VI. of Kingsvale ..	,,	21.12.18	269	4	4,626	4·74	219·49	200	250¼

* Withdrawn before completion of term.

W. WOODMASON, Malvern. (Jersey.)

Completed during the year, 17. Certificated, 17.

Name of Cow.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Estimated Butter.
				lbs.	lbs.		lbs.	lbs.	lbs.
Vanilla VII. of Melrose ..	5564	7.10.18	273	18½	7,718	6·08	470·52	250	536½
Jessie XX. of Melrose ..	Not yet allotted	29.10.18	273	13½	4,933	6·25	309·59	175	353
Mystery XIX. of Melrose ..	,,	31.10.18	273	10½	4,056	6·44	261·40	175	298
Lady Elector II. of Melrose ..	5518	4.11.18	273	17	6,628	6·35	421·41	250	480½
Gaiety Girl VIII. of Melrose ..	5537	12.11.18	273	18½	7,236	5·59	405·19	250	462
Rarity X. of Melrose ..	Not yet allotted	20.11.18	273	13½	4,842	6·35	307·74	175	350¾
Quality VI. of Melrose ..	3674	23.1.19	273	31	10,004	4·90	489·99	250	558½
Pearl II. of Melrose ..	3670	6.2.19	273	12½	4,623	5·42	250·83	250	286
Lady Elector III. of Melrose ..	5549	18.2.19	273	17½	6,437	6·27	403·85	250	460½
Fuchsia X. of Melrose ..	4516	19.2.19	273	23	10,230	4·12	422·18	250	481½
Jenny Lind X. of Melrose ..	6302	13.4.19	273	24	8,612	5·48	471·69	250	537¾
Flower VI. of Melrose ..	3641	30.4.19	273	25	8,486	5·24	444·32	250	506½
Pearl III. of Melrose ..	4526	12.7.19	273	15	6,490	6·99	453·99	250	517½
Empire VI. of Melrose ..	5534	21.7.19	273	17	8,226	5·92	487·43	250	555¼
Chevy VIII. of Melrose ..	4511	28.7.19	273	21	8,333	5·91	492·64	250	561½
Primrose of Melrose ..	Not yet allotted.	13.9.19	273	20½	8,350	5·27	439·84	250	501½
Vanilla V. of Melrose ..	3678	17.9.19	273	4½	7,162	5·06	362·28	250	413

HERD AVERAGES.

1st Mr. A. W. JONES' "St. Albans" Jersey Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
6 Mature Cows yielded		lbs. 2,693·92	lbs. 448·99
4 Second-calf Cows yielded	1,595·65 lbs.	..	398·91
Handicap of 59 lbs. each	200·00 ,,		
		1,795·65	
2 Heifers yielded	557·10 lbs.	..	278·55
Handicap of 75 lbs. each	150·00 ,,		
		707·10	
Return without Herd Allowance		5,196·67	433·06
12 Cows in herd allowed 6 lbs. each (the ½ lb. allowance per cow) ..		72·00	
Herd total (including all handicap allowances)		5,268·67	439·56

2nd Mr. A. W. JONES' "St. Albans" Friesian Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
5 Mature Cows yielded		lbs. 2,280·17	lbs. 456·03
1 Second-calf Cow yielded	403·29 lbs.	..	403·29
Handicap of 50 lbs. each	50·00 ,,		
		453·29	
4 Heifers yielded	1,266·06 lbs.	..	316·51
Handicap of 75 lbs. each	300·00 ,,		
		1,566·06	
Herd total (including all handicap allowances)		4,299·52	429·95

3rd Mr. W. WOODMASON'S "Melrose" Jersey Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
14 Mature Cows yielded		6,016·16	429·73
3 Heifers yielded	878·73 lbs.	..	292·91
Handicap of 75 lbs. each	225·00 ,,		
		1,103·73	
Return (without herd allowance)		7,119·89	418·82
17 Cows in herd allowed 8½ lbs. each (the ½ lb. allowance per cow) ..		144·50	
Herd total (including all handicap allowances)		7,264·39	427·32

4th AGRICULTURAL DEPARTMENT'S "Research Farm" Friesian Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
6 Mature Cows yielded		2,553·94	425·66
1 Second-calf Cow yielded	366·50 lbs.	..	366·50
Handicap of 50 lbs. each	50·00 ,,		
		416·50	
3 Heifers yielded	1,015·40 lbs.	..	338·47
Handicap of 75 lbs. each	225·00 ,,		
		1,240·40	
Herd total (including all handicap allowances)		4,210·84	421·08

5th Mr. O. J. SYME'S "Bolobek" Friesian Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
14 Mature Cows yielded		5,506·83	393·34
3 Second-calf Cows yielded	1,289·12 lbs.	..	429·71
Handicap of 50 lbs. each	150·00 ,,		
		1,439·12	
2 Heifers yielded	501·73 lbs.	..	250·86
Handicap of 75 lbs. each	150·00 ,,		
		651·73	
Return (without herd allowance)		7,597·68	399·88
19 Cows in herd allowed 9½ lbs. each (the ½ lb. allowance per cow) ..		180·50	
Herd total (including all handicap allowances)		7,778·18	409·38

6th Messrs. LYON and KERR'S "Banyale" Jersey Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
16 Mature Cows yielded		6,306·77	394·17
7 Second-calf Cows yielded	2,479·11 lbs.	..	354·16
Handicap of 50 lbs. each	350·00 „	2,829·11	
9 Heifers yielded	2,529·00 lbs.	..	281·00
Handicap of 75 lbs. each	675·00 „	3,204·00	
Return (without herd allowance)		12,339·88	385·62
32 Cows in herd allowed 16 lbs. each (the ½ lb. allowance per cow)		512·00	
Herd total (including all handicap allowances)		12,851·88	401·62

7th Mr. C. G. KNIGHT'S "Tarnpirr" Jersey Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average. per Cow.
		lbs.	lbs.
8 Mature Cows yielded		2,847·34	355·92
6 Second-calf Cows yielded	2,041·08 lbs.	..	340·18
Handicap of 50 lbs. each	300·00 „	2,341·08	
7 Heifers yielded	2,459·52 lbs.	..	351·36
Handicap of 75 lbs. each	525·00 „	2,984·52	
Return (without herd allowance)		8,172·94	389·19
21 Cows in herd allowed 10½ lbs. each (the ½ lb. allowance per cow)		220·50	
Herd total (including all handicap allowances)		8,393·44	399·69

8th Mr. T. MESLEY'S "Warenda" Jersey Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
12 Mature Cows yielded		4,556·68	379·72
2 Second-calf Cows yielded	686·01 lbs.	..	343·00
Handicap of 50 lbs. each	100·00 „	786·01	
2 Heifers yielded	526·19 lbs.	..	263·09
Handicap of 75 lbs. each	150·00 „	676·19	
Return (without herd allowance)		6,018·88	376·18
16 Cows in herd allowed 8 lbs. each (the ½ lb. allowance per cow)		128·00	
Herd total (including all handicap allowances)		6,146·88	384·18

9th Mr. C. D. LLOYD'S Jersey Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
4 Mature cows yielded	.. ..	1,799·65	449·91
2 Second-calf Cows yielded	653·52 lbs.	..	326·76
Handicap of 50 lbs. each	100·00 ,,		
		753·52	
4 Heifers yielded	901·53 lbs.	..	225·38
Handicap of 75 lbs. each	300·00 ,,		
		1,201·53	
Herd total (including all handicap allowances)		3,754·70	375·47

10th GEELONG HARBOR TRUST'S "Sparrovale" Ayrshire Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
6 Mature Cows yielded	.. ..	2,044·27	340·71
6 Second-calf Cows yielded	2,021·47 lbs.	..	336·89
Handicap of 50 lbs. each	300·00 ,,		
		2,321·37	
7 Heifers yielded	2,036·63 lbs.	..	290·95
Handicap of 75 lbs. each	525·00 ,,		
		2,561·63	
Return (without herd allowance)		6,927·27	364·59
19 Cows in herd allowed 9½ lbs. each (the ½ lb. allowance per cow) ..		180·50	
Herd total (including all handicap allowances)		7,107·77	371·09

11th Mr. J. A. LANG'S "Riccarton" Ayrshire Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
4 Mature Cows yielded	.. ..	1,570·80	392·70
4 Second-calf Cows yielded	1,128·29 lbs.	..	282·07
Handicap of 50 lbs. each	200·00 ,,		
		1,328·29	
4 Heifers yielded	1,129·37 lbs.	..	282·34
Handicap of 75 lbs. each	300·00 ,,		
		1,129.37	
Return (without herd allowance)		4,328·46	335·66
12 Cows in herd allowed 6 lbs. each (the ½ lb. allowance per cow) ..		72·00	
Herd total (including all handicap allowances)		4,400·46	366·70

12th Messrs. FLACK and SEWELL'S Friesian Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
1 Mature Cow yielded		466·29	466·29
3 Second-calf Cows yielded	788·46 lbs.	..	262·82
Handicap of 50 lbs. each	150·00 ,,	938·46	
6 Heifers yielded	1,741·64 lbs.	..	290·27
Handicap of 75 lbs. each	450·00 ,,	2,191·64	
Herd total (including all handicap allowances)		3,596·39	359·64

13th Miss B. REID'S Jersey Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
2 Mature Cows yielded		737·97	368·98
3 Second-calf Cows yielded	888·83 lbs.	..	296·28
Handicap of 50 lbs. each	150·00 ,,	1,038·83	
6 Heifers yielded	1,564·12 lbs.	..	260·69
Handicap of 75 lbs. each	450·00 ,,	2,014·12	
Return (without herd allowance)		3,790·92	344·63
11 Cows in herd allowed 5½ lbs. each (the ½ lb. allowance per cow) ..		60·50	
Herd total (including all handicap allowances)		3,851·42	350·13

14th AGRICULTURAL DEPARTMENT'S "Research Farm" Red Poll Herd.

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
32 Mature Cows yielded		10,577·26	330·54
3 Second-calf Cows yielded	589·73 lbs.	..	196·58
Handicap of 50 lbs. each	150·00 ,,	739·73	
4 Heifers yielded	1,118·13 lbs.	..	279·53
Handicap of 75 lbs. each	300·00 ,,	1,418·13	
Return (without herd allowance)		12,735·12	326·54
39 Cows in herd allowed 19½ lbs. each (the ½ lb. allowance per cow) ..		760·50	
Herd total (including all handicap allowances)		13,495·62	346·04

15th **Mr. J. D. READ'S "Springhurst" Jersey Herd.**

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
13 Mature Cows yielded		4,307·93	331·38
8 Second-calf Cows yielded	2,294·49 lbs.	..	286·81
Handicap of 50 lbs. each	400·00 „		
		2,694·49	
12 Heifers yielded	2,924·99 lbs.	..	243·74
Handicap of 75 lbs. each	900·00 „		
		3,824·90	
Return (without herd allowance)		10,827·32	328·10
33 Cows in herd allowed 16½ lbs. each (the ½ lb. allowance per cow) ..		544·50	
Herd total (including all handicap allowances)		11,371·82	344·60

16th **Mr. A. E. SPIERS' "Blair Athol" Ayrshire Herd.**

Cows of Herd in their Respective Classes.	Butter Fat.	Average per Cow.
	lbs.	lbs.
20 Mature Cows yielded	6,485·16	324·26
Return (without herd allowance)	6,485·16	
20 Cows in herd allowed 10 lbs. each (the ½ lb. allowance per cow) ..	200·00	
Herd total (including all handicap allowances)	6,685·16	334·26

17th **Mr. D. C. MORRISON'S "Bundarra" Ayrshire Herd.**

Cows of Herd in their Respective Classes.		Butter Fat.	Average per Cow.
		lbs.	lbs.
11 Mature Cows yielded		3,364·89	305·90
3 Second-calf Cows yielded	666·22 lbs.	..	222·07
Handicap of 50 lbs. each	150·00 „		
		816·22	
Return (without herd allowance)		4,181·11	293·65
14 Cows in herd allowed 7 lbs. each (the ½ lb. allowance per cow) ..		98·00	
Herd total (including all handicap allowances)		4,279·11	305·65

COWS IN ORDER OF MERIT.

Cows over 4 Years of Age or on Third Lactation Period—250 lbs. Standard.

No.	Name	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
1	Rarity VIII. of Melrose	5560	J. H. Hunter	Jersey ..	12,673	5·67	718·58	Lady of Melrose II.'s Noble
2	Mercedes Noble Queen..	4241	C. D. Lloyd ..	,, ..	10,041	6·26	628·97	Noble of Oaklands
3	May Queen II. ..	..	A. W. Jones ..	Friesian	12,974	4·75	616·66	Annette's Prince
4	Princess Victoria of Holmwood	5152	Jos. Hutchinson	Jersey ..	11,071	5·01	554·61	Audrey's Lord Twylish
5	Jubilee XV.	5056	A. W. Jones ..	,, ..	10,412	5·20	551·67	Navigator
6	Mates VI. of Melrose ..	6306	J. H. Hunter	,, ..	11,206	4·89	547·74	Sunshine of Melrose
7	LadyGrey I. of St. Albans	4186	A. W. Jones ..	,, ..	8,679	6·10	529·31	Garantie's Antimony
8	First Choice	372 C.S.J.H.B.	Leongatha High School	,, ..	8,565	5·92	506·88	Black Prince
9	Graceful Duchess XI. of Melrose	395 C.S.J.H.B.	A. Jackson ..	,, ..	7,924	6·38	505·77	Mystery's Son of Melrose
10	Beauty IV. of Somerville	..	J. Hutchinson	,, ..	9,099	5·54	503·99	Annette II.'s Twylish
11	Sunset Star of Dunalister	5927	Leongatha High Schol	,, ..	8,563	5·78	494·64	Lord Brighton of Dunalister
12	Chevy VIII. of Melrose	4511	W. Woodmason	,, ..	8,333	5·91	492·64	Pretty Noble (Imp.)
13	Quality VI. of Melrose..	3674	W. Woodmason	,, ..	10,004	4·90	489·99	Royal Blue
14	Hawthorn IV. of Banyule	5207	Lyon and Kerr	,, ..	8,190	5·98	489·60	Mabel's Chief (Imp.)
15	Birdseye	..	Department of Agriculture	Red Poll	8,983	5·43	488·24	Tabacum
16	Empire VI. of Melrose..	5534	W. Woodmason	Jersey ..	8,226	5·92	487·43	Pretty Noble (Imp.)
17	Coringa	..	Department of Agriculture	Friesian	12,665	3·79	480·59	Woodcrest Joe (Imp.)
18	Jenny Lind X. of Melrose	6302	W. Woodmason	Jersey ..	8,612	5·48	471·69	First Choice of Melrose
19	Vanilla VII. of Melrose	5564	W. Woodmason	,, ..	7,718	6·08	470·52	Pretty Noble (Imp.)
20	Dominion Violet Fobes	..	Flack and Sewell	Friesian	12,543	3·72	466·29	Woodcrest Joe (Imp.)
21	Daisy of Springhurst ..	1788	T. Mesley ..	Jersey ..	7,612	6·03	461·35	Captive
22	Coringa	..	Department of Agriculture	Friesian	11,825	3·89	460·20	Woodcrest Joe
23	Harp	5206	Lyon and Kerr	Jersey ..	8,093	5·68	460·06	Noble Lord
24	Tiddlewinks II. of Holmwood	5440	S. Rowe ..	,, ..	8,424	5·43	457·39	
25	Dominion Milkmaid ..	..	Department of Agriculture	Friesian	11,862	3·83	454·71	Sir de Kol Juka Picterje (Imp.)
26	Pearl III. of Melrose ..	4526	W. Woodmason	Jersey ..	6,490	6·99	453·99	Pretty Noble (Imp.)
27	Vanity of Warrook ..	2546	W. C. Greaves	Ayrshire	9,774	4·60	450·16	Alice's Jamie of Oakbank
28	Bolobek Ethel ..	302	O. J. Syme ..	Friesian	10,404	4·32	449·73	Rag Apple Korndyke VI.
29	Daisy of Bundara ..	4258	D. C. Morrison	Ayrshire	8,615	5·22	449·56	Brown Prince of Bundara 1682
30	Lady Marge of Jerseyholm	4981	T. Harvey ..	Jersey ..	7,339	6·09	447·21	Sweet Fox II.
31	Blanchette I. of St. Albans	5054	A. W. Jones ..	,, ..	8,392	5·30	446·20	Sweet Fox
32	Flower VI. of Melrose ..	3641	W. Woodmason	,, ..	8,486	5·24	444·32	Royal Blue
33	Molly V. of Banyule ..	5216	C. G. Lyon and Kerr	,, ..	7,730	5·73	442·74	Mabel's Chief (Imp.)
34	Cutty	..	Department of Agriculture	Red Poll	10,185	4·35	442·72	Nicotine
35	Tabitha of Gleneira ..	3213	J. A. Lang ..	Ayrshire	9,313	4·75	442·51	Lad o' Kyle
36	Milkmaid 37	1222	Lyon and Kerr	Jersey ..	8,887	4·98	442·23	Brighton Prince
37	Princess Ena	299	O. J. Syme ..	Friesian	11,448	3·86	441·88	Duplicate Posch
38	Thora IV.	5224	Lyon and Kerr	Jersey ..	7,058	6·24	440·83	Silver Bell's Golden Lad
39	Avesia	..	Department of Agriculture	Red Poll	9,659	4·55	439·96	Nicotine
40	Royal Rose	2585	C. G. Knight..	Jersey ..	7,687	5·72	439·90	Smike
41	Primrose of Melrose ..	..	W. Woodmason	,, ..	8,350	5·27	439·84	Pretty Noble (Imp.)
42	La Charme	5248	T. Mesley ..	,, ..	8,126	5·39	438·23	Skim of Dunalister
43	Queen Gertrude ..	..	Department of Agriculture	Friesian	11,837	3·66	433·63	Oak de Kol II. Homestead Fobes
44	Bolobek May ..	310	O. J. Syme ..	,,	12,277	3·53	432·92	Indulge Johanna Lad
45	Queen of Holland ..	..	A. W. Jones ..	,,	12,575	3·44	432·90	Donald
46	Pearl of Friesland Park	306	O. J. Syme ..	,,	11,041	3·92	432·51	King of Dominoes
47	Jewel of Hill Crest	416 C.S.J.H.B.	W. Parbury ..	Jersey ..	7,762	5·52	428·10	Black Prince of Mt. Crawford
48	Bolobek Dolly Grey ..	308	O. J. Syme ..	Friesian	11,074	3·86	428·09	Rhoda Prince of Rubicon
49	Serbia	..	Department of Agriculture	Red Poll	10,869	3·91	424·73	Rodger
50	Verbena	..	W. Parbury ..	Jersey ..	7,248	5·83	422·51	Bright Spark
51	Molly IV. of Banyule ..	4246	Lyon and Kerr	,, ..	8,499	4·97	422·30	Starbright's Lord Twylish
52	Fuchsia X. of Melrose..	4516	W. Woodmason	,, ..	10,230	4·12	422·18	Mystery's Son of Melrose

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

No.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
53	Bolobek Bess ..	..	A. W. Jones ..	Friesian	10,436	4·04	421·77	Rhoda Prince of Rubicon
54	Lady Elector II. of Melrose	5548	W. Woodmason	Jersey ..	6,628	6·35	421·41	Pretty Noble (Imp.)
55	Nightshade of Springhurst	3707	J. D. Read ..	,, ..	8,589	4·90	421·02	Young Defiance
56	Silver Queen II. of Colac	4032	A. W. Jones ..	,, ..	6,770	6·21	420·52	Queen's Boy
57	Belle Corona	..	Department of Agriculture	Friesian	11,646	3·61	420·28	Oak de Kol Homestead Fobes
58	Cloth of Gold of Clover Flat	4457	D. G. Tomkins	Jersey ..	8,697	4·82	419·55	Malvern Duke
59	Blanchette III. ..	3753	A. W. Jones ..	,, ..	8353	5·01	418·85	Garantie's Antimony
60	Serbia	..	Department of Agriculture	Red Poll	10,396	4·02	418·50	Rodger
61	Ada IV. of Fernhill ..	4687	H. Webb ..	Ayrshire	11,492	3·60	413·96	Renown of Oakbank
62	Starfinch II.	2915	Lyon and Kerr	Jersey ..	8,560	4·83	413·78	Combination Jack (Imp)
63	Lass Favourite of Kyora	431 C.S.J.H.B.	S. Rowe ..	,, ..	7,860	5·26	413·50	Lotina's Larkspur's Twylish
64	Bolobek Lass ..	312	O. J. Syme ..	Friesian	12,232	3·37	412·38	Indulge Johanna Lad
65	Princess Royal ..	..	A. W. Jones ..	,,	10 932	3·78	412·07	Pearl's Prince of Brundee
66	Joan of La Motte ..	5237	S. A. Johnson	Ayrshire	9,770	4·22	412·06	Lochinvar of Prior Park
67	Montrose II.	..	H. Liddgett ..	Shorthorn	9,239	4·42	408·16	Royal Heir VII.
68	Garenne II.	5242	T. Mesley ..	Jersey ..	7,184	5·67	407·16	Skim of Dunalister
69	Gaiety Girl VIII. of Melrose	5537	W. Woodmason	,, ..	7,236	5·59	405·19	Pretty Noble (Imp.)
70	Retford Fawn ..	3056	Miss Bruce Reid	,, ..	7,983	5·06	404·30	Cherry's Pride 2nd
71	Lady Elector III. of Melrose	5549	W. Woodmason	,, ..	6,437	6·27	403·85	Pretty Noble (Imp.)
72	Creamcake	5195	C. D. Lloyd ..	,, ..	6,578	6·11	402·09	Mabel's Chief (Imp.)
73	Magnet's Lass III. ..	4263	Lyon and Kerr	,, ..	6,966	5·77	402·02	Noble Lord (Imp.)
74	Olive	2971	Lyon and Kerr	,, ..	7,747	5·18	401·66	Topas Defender
75	Jennie de Kol ..	301	O. J. Syme ..	Friesian	10,196	3·92	400·25	Duplicate Posch
76	Queen of Friesland Park	304	O. J. Syme ..	,,	11,351	3·52	400·20	Colantha Sir Winana
77	Phyllis of Luscombe ...	5254	T. Mesley ..	Jersey ..	8,294	4·82	399·96	Skim of Dunalister
78	Dominion Hergevaid Belle	307	O. J. Syme ..	Friesian	10,195	3·90	397·94	King of Dominoes
79	Bonnie Jean	..	A. W. Jones ..	,,	10,761	3·68	396·77	Donald
80	Alice of Tarnpirr ..	4205	C. G. Knight..	Jersey ..	7,215	5·49	395·91	Rose's Twylish
81	Statuette	4251	Lyon and Kerr	,, ..	6,843	5·77	394·93	Starbright's Fox
82	Larkspur's Claribelle VI.	3772	S. Rowe ..	,, ..	8,060	4·88	393·33	Larkspur's Lord Twylish
83	Daisy of Bundara ..	4258	D. C. Morrison	Ayrshire	7,932	4·95	393·19	Brown Prince of Bundara
84	Berry of Warrook ..	2901	W. Henderson	,,	7,388	5·32	392·88	Beryl's Conservative
85	Beryl of Gleneira ..	2441	L. McFarlane	,,	8,516	4·61	392·83	Majestic of Oakbank
86	Bolobek Rhoda ..	309	O. J. Syme ..	Friesian	10,929	3·57	391·12	Rhoda Prince of Rubicon
87	Czarina of Springhurst..	4380	J. D. Read ..	Jersey ..	7,063	5·53	390·75	Young Defiance
88	Flower of Sparrovale ..	3893	Geelong Harbor Trust	Ayrshire	8,271	4·71	389·82	Glen Elgin's Rover
89	Bramble of Ayrshire Bank	3251	A. E. Spiers ..	,,	9,132	4·27	389·74	Luminous of Oakbank
90	Kirsty V.	4100	T. Harvey ..	Jersey ..	7,036	5·52	388·36	Sweet Fox
91	Countess Twylish ..	928	C. D. Lloyd ..	,, ..	9.526	4·07	388·00	Larkspur's Lord Twylish
92	Samotina	..	Department of Agriculture	Red Poll	8,483	4·56	386·94	Nicotine
93	Charmian	5239	T. Mesley ..	Jersey ..	7,496	5·12	383·86	Silver Fox
94	Maitland's Petal ..	3338	Lyon and Kerr	,, ..	7,120	5·37	382·51	Navigator
95	Dot of Retreat ..	5385	Muhlebach Bros.	Ayrshire	8,521	4·49	382·43	Revenue of Retreat
96	Creambread	4239	C. D. Lloyd ..	Jersey ..	6,210	6·13	380·59	Pretty Noble (Imp.)
97	Mongolia	..	Department of Agriculture	Red Poll	9,245	4·11	380·03	Acton Dewstone
98	Nictitana	..	Department of Agriculture	,, ..	6,962	5.45	379·38	Nicotine
99	Baltica	..	Department of Agriculture	,,	8,555	4·42	378·36	Acton Dewstone
100	Rosette of Holly Green	4583	H. L. Webb ..	Ayrshire	7,732	4·89	378·23	Marana of Fernhill
101	Little Queen	5249	T. Mesley ..	Jersey ..	6,880	5·40	375·99	Foxy Boy
102	Mona of Hill Crest ..	5926	Leongatha High School	,,	8,288	4·47	371·81	Black Prince
103	Blue Bell II. of Werribee	4604	F. Bidgood ..	,, ..	5,737	6·50	373·06	Northwood King (Imp)
104	Alsyke of Springhurst ..	1515	T. Mesley ..	,, ..	6,941	5·33	369·70	Graceful Lad of Melrose
105	Roan Daisy 18th ..	..	W. K. Atkinson	Shorthorn	7,779	4·75	369·60	Poplar Vale Prince IX.
106	Starlight of Wethersdane	3305	C. Bamford ..	Ayrshire	9,089	4·06	369·00	Glen Elgin's Combine
107	Namesake II... ..	5251	T. Mesley ..	Jersey ..	7,617	4·84	368·89	Verbena's Pride
108	Crocus of Springhurst ..	3393	J. D. Read ..	,, ..	6,421	5·74	368·62	Young Defiance
109	Daisy III. of King's Vale	..	F. W. Beischer	,, ..	8,067	4.56	368.06	Viola's Lad II. of King's Vale

Cows over 4 Years of Age or on Third Lactation Period—250 lbs. Standard—*continued.*

No.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
110	Bramble II. of Ayrshire Bank	5961	A. Spiers ..	Ayrshire	8,452	4·33	366·01	Ivanhoe of Ayrshire Bank
111	Blanche Rose IX.	..	W. K. Atkinson	Shorthorn	9,364	3·90	364·90	Poplar Vale Prince IX.
112	Fox's Clementine II. ..	4721	F. Bidgood ..	Jersey ..	6,471	5·64	364·80	Carnation's Fox (Imp.)
113	Briar	..	Department of Agriculture	Red Poll	7,844	4·64	364·42	Nicotine
114	Karong Belle ..	..	J. Baker ..	,,	6,817	5·34	364·30	
115	Vanilla V. of Melrose ..	3678	W. Woodmason	Jersey ..	7,162	5·06	362·28	Wild Rover
116	Bluebell of Sparrovale	3886	Geelong Harbor Trust	Ayrshire	8,327	4·33	361·27	Jock o' Gowrie
117	Morocco	..	Department of Agriculture	Red Poll	10,024	3·60	361·20	Ganymede
118	Warenda	5259	T. Mesley ..	Jersey ..	6,908	5·21	360·32	Quicksilver
119	Ada of Blair Athol ..	5960	A. Spiers ..	Ayrshire	8,675	4·15	359·80	Lucre of Oakbank
120	Bonnie of Tarnpirr ..	2980	C. G. Knight ..	Jersey ..	6,867	5·24	359·75	Morocco's Carnation Fox
121	Thora III.	5223	Lyon and Kerr	,, ..	6,834	5·26	359·73	Silver Bell's Golden Lad
122	Duchess of Friesland Park	305	O. J. Syme ..	Friesian	10,045	3·57	358·89	King of Dominoes
123	Olive of Willowvale ..	4483.	J. H. Rogers ..	Ayrshire	8,403	4·25	356·94	Lancer of Willow Vale
124	La Belle France ..	..	Department of Agriculture	Red Poll	8,324	4·29	356·85	Rodger
125	Silvermine XIII. ..	4250	Lyon and Kerr	Jersey ..	6,854	5·20	356·79	Mabel's Chief (Imp.)
126	Pride of Bundara ..	4269	D. C. Morrison	Ayrshire	8,747	4·07	356·73	Aide de Champ of Oakbank
127	Camellia IV. of Ayrshire Bank	5962	A. Spiers ..	,,	7,947	4·47	355·05	Luminous of Ayrshire Bank
128	Omeo	5253	T. Mesley ..	Jersey ..	8,158	4·34	353·92	Silver Fox
129	Molly V. of Ayrshire Bank	5971	A. Spiers ..	Ayrshire	10,055	3·51	353·28	Luminous of Ayrshire Bank
130	Ruby II.	..	H. Lidgett ..	Shorthorn	8,135	4·34	353·07	Earl Prince
131	Marjorie of Retreat ..	2962	A. Spiers ..	Ayrshire	9,260	3·80	352·26	Revenue of Retreat
132	Panama	..	Department of Agriculture	Red Poll	8,469	4·14	350·01	Acton Dewstone (Imp.)
133	Europa	..	Department of Agriculture	,,	8,175	4·27	349·71	Magician
134	Christmas of Tarnpirr ..	4296	C. G. Knight ..	Jersey ..	5,694	6·13	349·32	Morocco's Carnation's Fox
135	The Gift of Hillcrest ..	5928	Leongatha High School	,, ..	7,092	4·92	348·94	Duke of Hill Crest
136	Floss II. of Carracoorte	3982	W. Henderson	Ayrshire	9,593	3·63	348·03	Rebus of Oakbank
137	Duplicate Posch Maud..	300	O. J. Syme ..	Friesian	9,457	3·67	347·65	Duplicate Posch
138	Rosebud of Tarnpirr ..	4210	C. G. Knight ..	Jersey ..	6,029	5·76	347·31	Morocco's Carnation's Fox
139	Dot of Golden Vein ..	2634	W. J. McKernan	Ayrshire	7,194	4·82	346·94	Ernie of Willow Vale
140	Ada of Ayrshire Bank	5959	A. Spiers ..	,,	8,663	4·00	346·59	Luminous of Oakbank
141	Victoria Red Rose ..	..	Department of Agriculture	Red Poll	7,530	4·60	346·46	Red David
142	Annie of Taringa ..	4023	C. Falkenberg	Jersey ..	6,524	5·31	346·22	Golden Spark
143	Marion of Ayrshire Bank	5969	A. Spiers ..	Ayrshire	8,394	4·12	345·95	Luminous of Ayrshire Bank
144	Fairy V. of Ayrshire Bank	5964	A. Spiers ..	,,	8,778	3·93	345·01	Ivanhoe of Ayrshire Bank
145	Balsam of Springhurst..	4376	J. D. Read ..	Jersey ..	6,508	5·29	344·61	Young Defiance
146	Gold Lace	..	Department of Agriculture	Red Poll	8,194	4·20	344·28	Nicotine
147	Elcho Lady	..	J. Baker ..	,,	7,138	4·82	344·21	
148	Doey of Yalart ..	3116	J. A. Lang ..	Ayrshire	7,183	4·79	344·02	Willie of Yalart
149	Lotus Flower ..	4605	F. Bidgood ..	Jersey ..	6,473	5·31	343·82	Northwood King (Imp.)
150	Cobaea of Springhurst	4379	J. D. Read ..	,, ..	7,047	4·86	342·66	Brighton Cub
151	Red Pet	..	F. Sadler ..	Shorthorn	8,404	4·07	342·51	Royal Heir VII.
152	Freezia of Springhurst..	4382	J. D. Read ..	Jersey ..	6,052	5·66	342·50	Young Defiance
153	Sylvan Maid of Glenalvie	5403	L. McFarlane ..	Ayrshire	8,030	4·26	342·17	Stately of Gleneira
154	Banksia of Springhurst	5387	J. D .Read ..	Jersey ..	5,964	5·70	340·27	Bulwark
155	Daphne XIII. ..	..	W. K. Atkinson	Shorthorn	9,800	3·47	339·88	Blakeston Prince 18th
156	Hope V.	2899	C. Falkenberg	Jersey ..	6,330	5·37	339·86	Twylish's Pride
157	Duchess of Pentland 25th	..	H. Lidgett ..	Shorthorn	7,376	4·59	338·83	Martha's 29th Duke of Pentland
158	Morven Pearl VIII. ..	..	J. Kerr ..	,,	9,202	3·67	337·85	Manor York Rose 1st
159	Princess of Tarnpirr ..	2986	C. G. Knight	Jersey ..	6,818	4·95	337·74	Starbright 5th's Twylish
160	Bashful of Winslade ..	4353	L. McFarlane..	Ayrshire	8,109	4·16	337·13	Glen Elgin's Artist
161	Dairymaid of Ben Kell	3048	R. Ralston ..	,,	7,322	4·60	337·08	Melville Duke
162	Onyx	4581	R. Ralston ..	,,	6,780	4·97	337·02	Girvan of Oakbank
163	Frolic of Sparrovale ..	2874	Geelong Harbor Trust	,,	8,371	4·02	336·77	Kemp of Glenarthur
164	Pearl of Ben Kell ..	3052	R. Ralston ..	,,	7,560	4·45	336·73	Melville Duke
165	Daffodil of Springhurst	4381	J. D. Read ..	Jersey ..	5,819	5·77	335·57	Bulwark of Springhurst

Cows over 4 Years of Age or on Third Lactation Period—250 lbs. Standard—*continued.*

No.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
166	My Queen of Tarnpirr	4209	C. G. Knight..	Jersey ..	5,803	5·77	334·98	Morocco's Carnation's Fox
167	Clover of Sparrovale ..	2872	Geelong Harbor Trust	Ayrshire	7,127	4·70	334·76	Glen Elgin's Rover
168	Madeira Flinders ..	1740	Sale High School	,,	8,391	3·99	334·65	Landlord
169	Retford Ethel ..	6211	Miss B. Reid ..	Jersey ..	6,234	5·35	333·67	Dinah's Lad
170	Heatherbelle of Springfield	4970	J. W. Cochrane	Ayrshire	8,102	4·12	333·54	Scottish King
171	La Reina	..	Department of Agriculture	Red Poll	6,797	4·90	332·82	Tabacum
172	Bud of View Point ..	2163	G. Kent ..	Ayrshire	6,583	5·04	332·11	Lochie of Willowvale
173	Princess of Ben Kell ..	3054	R. Ralston ..	,,	7,498	4·43	332·09	Melville Duke
174	Hazel of Blair Athol ..	6897	A Spiers ..	,,	7,025	4·70	330·77	Eclipse
175	Ruby of Burnbrae ..	3085	Sadler Bros. ..	,,	8,704	3·78	329·04	Favourite of Shipley
176	Twylish Queen of Mt. Eccles	5441	S. Rowe ..	Jersey ,.	6,371	5·16	328·78	Young Twylish
177	Netherlana	..	Department of Agriculture	Red Poll	8,269	3·97	328·66	Melton Prince
178	Pet of Retreat ..	4337	A. Spiers ..	Ayrshire	8,520	3·85	328·65	Purity's Douglas
179	Lenore of Ecclefechan ..	2692	Sadler Bros. ..	,,	7,573	4·33	327·79	Adam of Coolangatta
180	Tasmania	..	Department of Agriculture	Red Poll	7,820	4·19	327·77	Matador
181	Bright Jewel of St. Albans	5980	A. W. Jones..	Jersey ..	5,546	5·90	327·34	Silver Fox of Luscombe
182	Holly of Ayrshire Blank	2066	A. Spiers ..	Ayrshire	8,233	3·93	327·26	Luminous of Oakbank
183	Geranium of Seafield ..	2884	L. McFarlane..	,,	6,665	4·90	326·93	Philosopher of Glengowrie
184	Peeress II. of Flinders ..	5407	L. McFarlane..	,,	7,026	4·65	326·74	Rab of Oakbank
185	Fancy of Colac ..	4027	C. Falkenberg	Jersey ..	6,982	4·64	324·44	Handsome Progress
186	Cockey of Ever Green ..	6360	H. S. Gibson ..	Ayrshire	9,115	3·54	323·07	Duke of Wethersdane
187	Fairy Bell of Warenda..	5241	T. Mesley ..	Jersey ..	5,138	6·26	321·70	Young Foxy Boy
188	Rose Royal of Langley Park	2841	Callery Bros. ..	Ayrshire	6,564	4·90	321·48	Royalty of Rythdale
189	Primrose of Tarnpirr ..	2985	C. G. Knight ..	Jersey ..	5,945	5·40	321·34	Morocco's Carnation's Fox
190	Fairlie of Burnbrae ..	4609	Sadler Bros. ..	Ayrshire	7,081	4·53	320·70	Brae Loch
191	Lady Burnbrae ..	4612	Sadler Bros. ..	,,	7,604	4·22	320·63	Prince Charlie of Lake View
192	Lady Mary of Ben Kell..	3050	R. Ralston ..	,,	6,483	4·93	319·67	Melville Duke
193	Bolobek Isabella ..	313	O. J. Syme ..	Friesian	8,844	3·60	318·90	Indulge Johanna Lad
194	Canary 26th	213 C.S.J.H.B.	J. & E. M. Phillips	Jersey ..	5,575	5·71	318·28	Lady's Defiance
195	Scotia	..	P. J. Carroll ..	Red Pol	7,587	4·19	318·25	Nicotine
196	Maid of Sparrovale ..	3900	Geelong Harbor Trust	Ayrshire	6,536	4·85	317·36	Statesman
197	Elcho Maid	..	J. Baker ..	Red Poll	5,941	5·34	317·17	
198	Holly IV. of Ayrshire Bank	5966	A. Spiers ..	Ayrshire	7,560	4·18	316·28	Montrose of Ayrshire Bank
199	Murmur IV. of Gleneira	6644	F. McIver ..	,, ..	8,232	3·84	316·11	Kia Ora of Haydowns
200	Merry V. of Ayrshire Bank	5970	A. Spiers ..	,,	7,378	4·28	315·92	Luminous of Oakbank
201	Gazelle	5243	T. Mesley ..	Jersey ..	6,987	4·51	315·60	Silver Fox
202	Marcella of Ayrshire Bank	3259	A. Spiers ..	Ayrshire	7,988	3·95	315·25	Montrose of Ayrshire Bank
203	The Gift	259 C.S.J.H.B.	Leongatha High School	Jersey ..	6,248	5·03	314·43	Duke of Hillcrest
204	Jean of Bundara ..	4262	D. C. Morrison	Ayrshire	6,550	4·78	313·45	Brown Prince of Bundara
205	Lesbia of Yalart ..	3180	Sadler Bros. ..	,,	7,363	4·24	312·23	Tribune of Gleneira
206	Goldleaf of Raith ..	5322	Leslie and Gerrand	,,	7,380	4·21	310·89	Scottish King
207	Soprano	1395	Lyon and Kerr	Jersey ..	5,384	5·76	310·42	Starbright's Fox
208	Mona's Pearl	3577	Mrs. A. Black	,, ..	6,369	4·72	310·02	Prince Nita
209	Given of Ben Kell ..	4574	R. Ralston ..	Ayrshire	6,252	4·94	309·19	Girvan of Oakbank
210	Jean of Bundara ..	4262	D. C. Morrison	,,	6,924	4·46	308·56	Brown Prince of Bundara
211	Princess May of Tarnpirr	5168	C. G. Knight ..	Jersey ..	6,390	4·83	308·40	Morocco's Carnation's Fox
212	Sweet Alice	532 C.S.J.H.B.	W. Parbury ..	,, ..	4,960	6·18	306·45	Lucy's Noble of Oaklands
213	Baldwyn's Cherry ..	..	H. Stone ..	Shorthorn	7,537	4·06	306·44	Blakiston Prince
214	Maitland's Petal III. ..	5212	J. Scott ..	Jersey ..	5,473	5·59	306·24	Silver Belle's Golden Lad
215	Glorious of Roxburgh ..	5123	T. Douglas ..	Ayrshire	7,791	3·91	305·17	Jinny's Pride
216	Belle Corona	..	Department of Agriculture	Friesian	7,318	4·16	304·53	Oak de Kol Homestead Fobes
217	Princess Edith of Gowrie Park	2876	Geelong Harbor Trust	Ayrshire	7,120	4·27	304·29	Dr. Cranwell

Cows over 4 Years of Age or on Third Lactation Period—250 lbs. Standard—*continued.*

No.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
218	Annette II. of King's Vale	..	F. W. Beischer	Jersey ..	6,635	4·58	304·01	Victim's Defiance
219	Iris	..	Department of Agriculture	Red Poll	7,006	4·33	303·09	Nicotine
220	Infanta of Springhurst ..	5396	J. D. Read ..	Jersey ..	5,768	5·20	299·92	Young Defiance
221	Valda of Tarnpirr ..	2989	J. Hutchinson	,, ..	5,530	5·42	299·75	Morocco's Carnation's Fox
222	Ada of Ayrshire Bank	5959	A. Spiers ..	Ayrshire	7,986	3·75	299·74	Luminous of Oakbank
223	Lady Mac II. of Gleneira	3988	W. Henderson	,,	6,956	4·30	299·42	Goldmines Majestic of Gleneira
224	Velveteen (Imp.) ..	..	Department of Agriculture	Red Poll	8,356	3·57	298·62	Lionel
225	Daphne of Retreat ..	2959	A. Spiers ..	Ayrshire	8,028	3·71	298·54	Revenue of Retreat
226	Judy of La Motte ..	5258	S. A. Johnson	,,	7,216	4·10	296·15	Lochinvar of Prior Park
227	Gladys of Ellerslie ..	4810	SaleHighSchool	,,	6,347	4·65	295·48	Young Field Marshall
228	Majesty's Starbright ..	1185	Lyon and Kerr	Jersey ..	5,538	5·32	295·14	Starbright's Fox
229	Milly of Rithdale ..	2882	J. H. Rogers ..	Ayrshire	8,781	3·36	294·95	Molly's Record
230	Jessie's Pride of Bundara	4263	D. C. Morrison	,,	7,068	4·17	294·58	Isabel's Pride of Gleneira
231	Barbara of Brundee ..	298	O. J. Syme ..	Friesian	8,814	3·33	294·37	Eding Lassie (Imp.)
232	Europa	..	Department of Agriculture	Red Poll	7,031	4·18	294·24	Magician
233	Madge	3575	Mrs. A. Black	Jersey ..	5,705	5·14	293·46	Rufus
234	Flo II.	193 C.S.J.H.B.	J. and E. M. Phillips	,, ..	5,746	5·10	293·00	Magnet's Maitland
235	May Queen of Langley Park	2840	J. Callery ..	Ayrshire	5,540	5·29	292·93	Glen Elgin's Philanthropist
236	Colleen Bawn.. ..	2824	Lyon and Kerr	Jersey ..	5,200	5·61	292·03	Noble Lord (Imp.)
237	Gwendoline of View Point	4969	J. W. Cochrane	Ayrshire	7,007	4·16	291·55	Hector of Mapleton
238	Wattle of Springhurst ..	5408	J. D. Read ..	Jersey ..	5,529	5·27	291·54	Brighton Cub
239	Verbena of Springhurst	5407	J. D. Read ..	,, ..	5,663	5·15	291·43	Young Defiance
240	Future of Warrook ..	2244	J. H. Rogers ..	Ayrshire	6,604	4·41	291·04	Alice's Jamie of Oak bank
241	Bernice of Seafield ..	1781	S. A. Johnson	,,	7,398	3·92	290·23	Dot's Lad of Seafield
242	Dinah of Mapleton ..	3511	G. A. Kent ..	,,	6,615	4·38	289·91	Hero of Rythdale
243	Maitland's Floss ..	423 C.S.J.H.B.	A. Jackson ..	Jersey ..	5,553	5·22	289·91	Magnet's Maitland
244	Tulip of Springhust ..	2730	J. D. Read ..	,,	5,303	5·45	289·33	Captive
245	Carribea	..	Department of Agriculture	Red Poll	7,100	4·06	288·53	Acton Dewstone
246	Duchess of Pentland 16	..	H. Lidgett ..	Shorthorn	7,423	3·86	286·35	Royal Heir 7th
247	Esme of Inverkiel ..	3155	J. A. Lang ..	Ayrshire	7,180	3·97	285·46	George of Seafield
248	Laurel of Burnbrae ..	4615	Sadler Bros. ..	,,	6,610	4·03	284·51	Adam of Coolangatta
249	Idyll's Ideal	2096	C. G. Knight ..	Jersey ..	6,141	4·62	283·88	Starbright 5th's Twylish
250	Alma II.	2300	R. Ralston ..	Ayrshire	6,260	4·53	283·40	Glen Rhode's Chief
251	Golden Leaf of Hillcrest	..	W. Parbury ..	Jersey ..	6,466	4·38	282·35	Black Prince
252	Gardenia of Seafield ..	5141	G. M. Gange ..	Ayrshire	6,311	4·47	282·01	Philosopher of Glen gowrie
253	Poplar Vale Princess 28	..	W. K. Atkinson	Shorthorn	7,817	3·60	281·59	Poplar Vale Princess 9th
254	Santa Clara	..	Department of Agricuture	Red Poll	6,136	4·59	281·54	Nicotine
255	Graceful Duchess XII. of Melrose	5539	A. Jackson ..	Jersey ..	4,526	6·19	280·32	Lesterfield Boy
256	Dolly V. of Ayrshire Bank	5963	A. Spiers ..	Ayrshire	6,751	4·12	278·50	Luminous of Oakbank
257	Ruby	513 C.S.J.H.B.	G. Rowe ..	Jersey ..	6,777	4·07	275·90	Audrey's Lad
258	Morea of Seafield	6237	J. W. Cochrane	Ayrshire	6,237	4·38	273·59	Philosopher of Glen-gowrie
259	Chevy VI. of Melrose ..	3635	C. J. Reid ..	Jersey ..	6,598	4·14	273·07	Step Out
260	Argus of Raith ..	6519	Leslie and Gerrand	Ayrshire	7,140	3·80	271·46	Adella's Jamie of Raith
261	Patience of Golden Vein	2649	D. C. Morrison	,,	6,960	3·89	271·06	Anither of Oakbank
262	Captor's Thora ..	3329	J. Scott ..	Jersey ..	5,155	5·24	270·25	Captor ..
263	Beauty of Bundara ..	4256	D. C. Morrison	Ayrshire	6,349	4·24	269·49	Brown Prince of Bundara
264	Alice of Ben Kell ..	3046	R. Ralston ..	,,	6,010	4·47	268·99	Melville Duke
265	Bertha of Warrook ..	1851	D. C. Morrison	,,	6,128	4·32	268·95	Alice's Jamie of Oakbank
266	Holly II. of Ayrshire Bank	5965	A. Spiers ..	,,	6,791	3·94	267·83	Luminous of Ayrshire Bank
267	Innocence of Raith ..	2942	Leslie and Gerrand	,,	6,815	3·93	267·83	Scottish King
268	Mistletoe of Tarnpirr ..	2984	C. G. Knight ..	Jersey ..	5,478	4·84	265·41	Starbright 5th's Twylish
269	Ruffy of Ecclefechan ..	3086	Sadler Bros. ..	Ayrshire	6,855	3·85	264·03	Adam of Coolangatta
270	Rose	509 C.S.J.H.B.	G. Rowe ..	Jersey ..	5,692	4·63	263·71	Audrey's Lad

Cows over 4 Years of Age or on Third Lactation Period—250 lbs. Standard—*continued.*

No.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
271	Betsy II. of Carracoorte	3969	W. Henderson	Ayrshire	6,601	3·97	262·18	Fritz of Rythdale
272	Duchess of Lesterfield ..	161 C.S.J.H.B.	J. and E. M. Phillips	Jersey ..	6,066	4·31	261·54	Vera's Edition
273	Lady Adonis of View Point	6477	G. Kent ..	Ayrshire	7,074	3·69	261·18	Glen Elgin's Augustus
274	Alice of Grahamsvale ..	5328	Mrs. L. Orchard	Jersey..	4,875	5·34	260·60	Fox's Laddie III.
275	Holly II. of Ayrshire Bank	5965	A. Spiers ..	Ayrshire	6,177	4·21	260·25	Luminous of Ayrshire Bank
276	Alcutia	..	Department of Agriculture	Red Poll	6,209	4·11	259·14	Acton Dewstone (Imp.)
277	Daffodil	157 C.S.J.H.B.	G. Rowe ..	Jersey ..	5,839	4·47	258·24	Starbright's Carnation Fox
278	Songstress	519 C.S.J.H.B.	W. Parbury ..	,, ..	5,242	4·92	257·99	Black Prince
279	Twinkle	538 C.S.J.H.B.	Miss S. L. Robinson	,, ..	5,998	4·26	255·81	Starbright's Lord Twylish
280	Rosalina of Glenarnock	2295	W. J. McKernan	Ayrshire	6,472	3·94	255·52	Glen Elgin's Philanthropist
281	Puen Buen Velvet VII.	3973	Miss S. L. Robinson	Jersey ..	5,443	4·69	255·09	Noble of the Isles (Imp).
282	Wee Edna of Ben Kell	3956	R. Ralston ..	Ayrshire	6,066	4·20	254·89	Melville Duke
283	Princess of Colac ..	4912	C. Falkenberg	Jersey ..	4,726	5·39	254·78	Irrewarra Duke
284	Buttercup of Warrook	2539	W. Henderson	Ayrshire	6,315	4·03	254·27	Alice's Jamie of Oakbank
285	Bramble of Golden Vein	2374	J. W. Cochrane	,,	6,478	3·90	252·70	Anither of Oakbank
286	Gallipoli	..	Department of Agriculture	Red Poll	6,312	4·00	252·67	Redman
287	Alberta of La Trobe ..	6097	Sale High School	Ayrshire	6,412	3·93	251·82	Madeira's Prince Albert
288	Pearl II. of Melrose ..	3670	W. Woodmason	Jersey ..	4,623	5·42	250·83	Jessie 4th's Son of Melrose II.
289	Thelma of Carracoorte..	4002	W. Henderson	Ayrshire	6,211	4·03	250·13	Realist of Oakbank

Cows under 4 Years of Age—200 lbs. Standard.

Order of Merit.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
1	Bolobek Aaggie ..	..	O. J. Syme ..	Friesian	12,668	4·05	512·56	Colantha Ponteac
2	Lady Choice of Tarnpirr	5160	C. G. Knight ..	Jersey ..	7,897	6·00	474·20	First Choice of Melrose
3	Trixie of Tarnpirr ..	5173	J. H. Hunter	,, ..	7,430	6·15	457·14	Morocco's Carnation Fox
4	Kirsty VI. of Jerseyholm	4930	T. Harvey ..	,, ..	7,173	6·23	447·27	Venture's Hero
5	Quality VII. of Melrose	6310	S. Rowe ..	,, ..	8,459	4·99	421·85	Lady of Melrose II.'s Noble
6	Bolobek Lass ..	..	O. J. Syme ..	Friesian	12,253	3·40	418·04	Indulge Johanna Lad
7	Zoe VI. of Banyule ..	6088	G. Lyon and R. R. Kerr	Jersey ..	6,438	6·48	417·55	Mystifier 625
8	Audrey of Somerville ..	5946	J. Hutchinson	,, ..	8,395	4·92	412·82	Annette's II. Twylish of Kingsvale
9	Fuchsia XIII. of Melrose	6300	A. W. Jones ..	,, ..	6,815	5·98	406·57	Lady of Melrose II.'s Noble
10	Ettie V. of Banyule ..	5204	G. Lyon and R. R. Kerr	,, ..	7,548	5·38	406·03	Mabel's Chief 623 (Imp).
11	Keynote	5247	T. Mesley ..	,, ..	6,436	6·29	405·11	Skim of Dunalister
12	Pauline	..	A. W. Jones ..	Friesian	9,931	4·06	403·29	Donald
13	Lady Grey V. of St. Albans	5058	A. W. Jones ..	Jersey ..	7,418	5.43	402·65	Sweet Fox 980
14	Blanche Rose X. ..	..	W. K. Atkinson	Shorthorn	10,356	3·88	401·93	Poplar Vale Prince IX.
15	Mermaid IV. of Melrose	6307	A. W. Jones ..	Jersey ..	6,170	6·44	397·09	Handsome Boy III. of Melrose
16	Diana VI. of Braelands	..	D. Henry	Shorthorn	9,714	4·04	392·54	43rd Earl of Pentland
17	Lady Grey IV. of St. Albans	5057	A. W. Jones ..	Jersey ..	6,032	6·45	389·34	Sweet Fox 980
18	Rose of Sparrovale ..	3906	Geelong Harbor Trust	Ayrshire	8,478	4·58	388·94	Scottish King of G.P. 1533
19	Empress II. of Holmwood	4979	T. Harvey ..	Jersey ..	7,594	5·10	387·66	Audrey's Lord Twylish 985

COWS UNDER 4 YEARS OF AGE—200 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
20	Mystic of Tarnpirr ..	5163	C. G. Knight ..	Jersey ..	6,408	5·99	383·83	Morocco's Carnation Fox
21	Holly of Retreat ..	5387	Muhlebach Bros.	Ayrshire	7,813	4·88	381·59	Revenue of Retreat 875
22	Melford Mascotte ..	5215	G. Lyon and R. R. Kerr	Jersey ..	6,860	5·51	380·54	Leda's Golden Fox 287
23	Sunset Star of Dunalister	5927	Leongatha High School	„ ..	6,453	5·90	380·48	Ld. Brighton of Dunalister
24	Graceful Countess of Leisterfield	..	A. Jackson ..	„ ..	5,443	6·91	376·20	Handsome Boy III. 125
25	Romany Girl of Tarnpirr	5171	C. G. Knight ..	„ ..	7,089	5·29	374·80	Pilot of Tarnpirr
26	Peerless XII. of Melrose	6309	C. J. Monckton ..	„ ..	6,259	5·99	374·78	Lady of Melrose II.'s Noble
27	Budding Rose of Sparrovale	3887	Geelong Harbor Trust	Ayrshire	7,276	5·14	374·22	Scottish King of Gowrie Park 1533
28	Gipsy Girl of Sparrovale	3894	Geelong Harbor Trust	„	7,601	4·89	371·95	Scottish King of Gowrie Park 1533
29	Miss Fox of Tarnpirr ..	5162	C. G. Knight ..	Jersey ..	6,576	5·62	369·32	Morocco's Carnation Fox
30	Dominion Lulu II. ..	..	Department of Agriculture	Friesian	11,099	3·30	366·54	Woodcrest Jop
31	Rarity IX. of Melrose ..	6311	G. H. Windsor	Jersey ..	6,343	5·76	365·13	Handsome Boy V. of Melrose
32	Verona of Warrook ..	5174	W. C. Greaves	Ayrshire	8,740	4·14	362·66	Minerva's Jamie of Warrook 1049
33	Bolobek Jean.. ..	320	O. J. Syme ..	Friesian	9,338	3·84	358·52	Indulge Johanna Lad 14
34	Lassie IV. of Clover Flat	5485	D. G. Tomkins	Jersey ..	7,623	4·69	357·41	Prince Norcen 895
35	Jubilee Cherry's Fawn ..	..	Miss B. Reid ..	„ ..	5,533	6·32	349·61	Castors Premier (Imp.)
36	Lily V. of Holmwood ..	..	G. Lyon and R. R. Kerr	„ ..	6,349	5·49	348·79	Audrey's Lord Twylish
37	Bluebell of Jerseyholm	5916	T. Harvey ..	„ ..	5,905	5·70	346·73	Venture's Hero 820
38	Postcard of Tarnpirr ..	5167	C. G. Knight ..	„ ..	5,518	6·20	342·43	Morocco's Carnation's Fox 847
39	Princess II. of Retreat..	5394	J. A. Lang ..	Ayrshire	6,919	4·93	340·87	Anthony of Glenciera 1085
40	Mystery XIV.'s Beauty of Leisterfield	..	A. Jackson ..	Jersey ..	6,583	5·16	339·99	Magnet's Maitland
41	Pearl V. of Holmwood..	..	G. Lyon and R. R. Kerr	„ ..	6,350	5·34	338·89	Audrey's Lord Twylish
42	Veronica of Tarnpirr ..	5174	C. G. Knight ..	„ ..	6,714	5·03	338·02	First Choice of Melrose
43	Morven Queenie IX. ..	..	W. K. Atkinson	Shorthorn	8,444	3·97	335·45	Manor York Rose I.
44	Flossie II. of Raith ..	6522	Leslie and Gerrand	Ayrshire	8,083	4·14	335·01	Adell's Jamie of Raith
45	Mulberry II. of Glenciera	3443	L. McFarlane	„	8,511	3·82	334·74	Kia Ora of Waydowns
46	Princess Royal of Springhurst	5402	J. D. Read ..	Jersey ..	5,552	6·02	334·29	Young Defiance 566
47	Lucerne of Springhurst	5399	J. D. Read ..	„ ..	6,156	5·43	334·22	Young Defiance 566
48	Belle of Sparrovale ..	3883	Geelong Harbor Trust	Ayrshire	6,312	5·43	332·51	Stuart of Gowrie Park 837
49	Creamy of Leisterfield..	..	A. Jackson ..	Jersey ..	6,951	4·78	332·11	Handsome Boy III. 125
50	Golden Fern of Glen Iris	6058	C. D. Lloyd ..	„ ..	5,240	6·33	331·97	Mabel's Chief (Imp.)
51	Fleur-de-lys of Springhurst	5394	J. D. Read ..	„ ..	6,863	4·82	330·92	Brighton Cub 718
52	Linda XXXV. of King's Vale	6278	G. H. Windsor	„ ..	6,246	5·25	328·14	Bright's Twylish of Kingsvale
53	Peggy of Ricarton ..	6512	J. A. Lang ..	Ayrshire	6,753	4·86	328·01	Puritan
54	Lady Virtue of Ben Kell	4580	R. Ralston ..	„	8,038	4·08	327·91	Girvan of Oakbank
55	Alma of Langley Park..	3477	Callery Bros.. ..	„	7,655	4·26	326·38	Bonnie's Chief of Vic. Bank
56	Dorothy II. of Holmwood	..	G. Lyon and R. R. Kerr	Jersey ..	5,932	5·49	325·63	Audrey's Lord Twylish
57	Bonnie Jean of Langley Park	3478	Callery Bros.. ..	Ayrshire	7,145	4·50	321·86	Bonnie's Chief of Vic. Bank 1119
58	Rye-bread of Glen Iris..	6059	C. D. Lloyd ..	Jersey ..	5,600	5·74	321·55	Mabel's Chief (Imp.)
59	Cora II. of Havilah ..	6064	J. Scott ..	„ ..	5,548	5·77	320·30	Silver Belle's Golden Lad
60	Blanche Rose IX. ..	..	W. K. Atkinson	Shorthorn	7,076	4·11	315·56	Poplar Vale Prince IX.
61	Pilbarra of Kyora ..	6221	Miss S. L. Robinson	Jersey ..	5,188	6·07	315·25	Lotina's Larkspur's Twylish
62	Buttercup of Bonshaw..	..	P. J. Maloney ..	„ ..	5,885	5·35	315·12	Pilot of Tarnpirr
63	Phyllis of Ashby ..	..	Dickinson Bros.	Friesian	8,172	3·85	314·40	Pearl's Prince of Brundee
64	Dominion Flower Queen	..	Flack and Sewell	„	9,184	3·42	314·24	Longbeach Primrose League
65	Pastime of Tarnpirr ..	5164	C. G. Knight ..	Jersey ..	5,505	5·58	307·34	Sport
66	Werribee Northern Larkspur II. ..	..	F. Bidgood ..	„ ..	5,235	5·85	306·52	Attraction's Fox 780

COWS UNDER 4 YEARS OF AGE—200 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
67	Trixie of Colac ..	4914	C. Falkenberg	Jersey ..	5,553	5·48	304·16	Handsome Progress 274
68	Gwendoline of View Point	4969	J. W. Cochrane	Ayrshire	6,912	4·39	303·61	Hector of Mapleton 2783
69	Flower of Brookfield ..	566 G.J.H.B.	W. Parbury ..	Jersey ..	5,214	5·80	302·31	White Bell's Champion
70	Anemone of Springhurst	5386	J. D. Read ..	,, ..	5,983	4·99	298·63	Brighton Cub 718
71	Daisy V. of Holmwood	4978	T. Harvey ..	,, ..	6,006	4·91	297·80	Audrey's L. Twylish
72	Mountain Mist of Kameruka	6210	Miss B. Reid ..	,, ..	5,127	5·65	289·68	J. May's 2nd's Prince (Imp.)
73	Brighton Peeress ..	6139	T. Mesley ..	,, ..	5,253	5·49	288·57	Skim of Dunalister
74	Ada of Wethersdane ..	4152	Sadler Bros. ..	Ayrshire	7,298	3·95	288·35	Majesty of Wethersdane
75	Ringtail of Tarnpirr ..	5170	T. H. Hunter..	Jersey ..	5,092	5·64	287·29	Sport
76	Flora of Sparrovale ..	3891	Geelong Harbor Trust	Ayrshire	5,553	5·16	286·58	Scottish King of Gowrie Park
77	Nimitabel of Kameruka	6033	C. G. Knight ..	Jersey..	5,546	5·13	285·54	Silver King 708
78	Silver Bell of Kameruka	6038	C. G. Knight ..	,, ..	5,073	5·59	284·00	Silver King 708
79	Shadow of Luscombe ..	6143	T. Mesley ..	,, ..	4,815	5·83	280·90	Skim of Dunalister 1227
80	Daphne of Raith ..	5321	Leslie and Gerrand	Ayrshire	6,132	4·57	280·42	Adela's Jamie of Raith 1069
81	Hazel of Holly Green ..	4768	H. L. Webb ..	,,	6,249	4·48	279·75	Duke of Holly Green
82	Mary of Springfield ..	4973	J. W. Cochrane	,,	6,166	4·51	278·42	Glen Elgin's Jan
83	Maitland's Canary ..	..	A. Jackson ..	Jersey ..	4,796	5·80	278·01	Magnet's Maitland
84	Dairymaid XXVI. ..	..	W. K. Atkinson	Shorthorn	6,686	4·15	277·63	Poplar Vale Prince 24th
85	Jessie of Holly Green ..	4769	H. L. Webb ..	Ayrshire	6,303	4·38	276·02	Yg. Standard Bearer
86	Lady of Bonshaw ..	..	P. J. Malony..	Jersey ..	5,497	4·99	274·44	Laddie II. of Banyule
87	Esther of Bundara ..	4259	D. C. Morrison	Ayrshire	5,833	4·67	272·36	Advance of Golden Vein
88	Brighton Princess of Springhurst	5391	J. D. Read ..	Jersey ..	5,327	5·06	269·76	Brighton Cub
89	Treasure of Ben Kell ..	4589	R. Ralston ..	Ayrshire	6,774	3·98	269·68	Girvan of Oakbank
90	May of Sparrovale ..	3902	Geelong Harbor Trust	,,	6,249	4·27	267·17	Scottish King of Gowrie Park
91	Primrose of Holly Green	4779	H. Webb ..	,,	6,596	4·03	266·00	Duke of Holly Green
92	Jean of Glengowrie ..	3856	A. H. S. Schier	,,	6,738	3·93	265·11	Ada's Jamie of Glengowrie
93	Myrtle II. of Pine Grove	4637	A. H. S. Schier	,,	6,151	4·29	264·17	Glen Keith of Pine Grove
94	Dominion Queen Segis..	..	Flack and Sewell	Friesian	7,562	3·47	262·80	Longbeach Primrose League
95	Hawthorn VI. of Banyule	5209	G. Lyon and R. R. Kerr	Jersey ..	5,240	4·99	261·68	Mabel's Chief (Imp.)
96	Peggy III. of Summerhill	5325	Leslie and Gerrand	Ayrshire	6,129	4·27	261·52	Anither of Golden Vein
97	Nyanza	..	Department of Agriculture	Red Poll	5,900	4·40	259·61	Honingham Alake
98	Red Rose of Fernhill ..	6349	W. A. Francis	Ayrshire	6,306	4·11	259·31	Renown of Oakbank
99	Columbine of Springhurst	5392	J. D. Read ..	Jersey ..	4,646	5·56	258·13	Young Defiance
100	Cloverleaf of Retreat ..	4323	Muhlebach Bros.	Ayrshire	6,032	4·27	257·37	Anthony of Gleneiar
101	Dime of Riccarton ..	6496	J. A. Lang ..	,,	5,411	4·75	256·86	White Prince of Gleneira
102	Belladoana of Springhurst	5389	J. D. Read ..	Jersey ..	5,547	4·57	253·35	Attraction of Springhurst
103	Ruthven of Yalart ..	5849	Sadler Bros. ..	Ayrshire	6,461	3·91	252·74	Tribune of Gleneira
104	Sparkle of Gleneira ..	4001	W. Henderson	,,	6,291	3·99	250·99	Kia Ora of Haydown
105	Willoh's Dagmar ..	551 C.H.B.	Miss B. Reid ..	Jersey ..	4,489	5·53	249·54	Mauve's Willoh (Imp.)
106	Bud of Ben Kell ..	4571	R. Ralston ..	Ayrshire	5,394	4·55	245·75	Melville Duke
107	Pretty Maiden II. of Kyora	5786	C. Hill ..	Jersey ..	4,659	5·27	245·59	Lotina's Larkspur's Twylish
108	Chloe of Glen Iris ..	6055	C. D. Lloyd ..	,,	4,603	5·28	243·15	Mabel's Chief
109	Esme of Yalart ..	5839	Sadler Bros. ..	Ayrshire	6,543	3·66	239·28	Major of Gleneira
110	Flavoria II. of Havilah	6067	J. Scott ..	Jersey ..	4,607	5·15	237·21	Silver Bell's Golden Lad
111	Given of Ben Kell ..	4574	R. Ralston ..	Ayrshire	4,822	4·89	236·00	Girvan of Oakbank
112	Kyora's Claribelle VII.	..	Miss Robinson	Jersey ..	4,731	4·99	235·99	Financial King
113	Royal Duchess ..	..	H. Lidgett ..	Shorthorn	5,383	4·32	232·76	Highton Duke 56th
114	Kyora's Lassie ..	..	Miss Robinson	Jersey ..	4,371	5·27	230·43	Financial King
115	Lena of Burnbrae ..	4616	Sadler Bros. ..	Ayrshire	5,206	4·31	224·61	Bonnie King of Gowrie Park
116	Moonlight of Lesterfield	..	A. Jackson ..	Jersey ..	4,051	5·50	222·86	Handsome Boy III.
117	Dahlia II. of Gleneira ..	3975	W. Henderson	Ayrshire	5,503	4·03	222·05	Rat of Gleneira
118	Fescie VI. of Kingsvale	..	G. H. Windsor	Jersey ..	4,626	4·74	219·49	Viola's Lad
119	Crimea	..	Department of Agriculture	Red Poll	5,383	4·06	218·63	The Spaniard
120	Countess II. of Pine Grove	4627	A. H. S. Schier	Ayrshire	4,636	4·71	218·54	Glen Keith of Pine Grove
121	Cherry V.	..	W. K. Atkinson	Shorthorn	5,367	4·06	218·08	White Clinker
122	Wistaria of Springhurst	5409	J. D. Read ..	Jersey ..	3,875	5·55	215·19	Attraction of Springhurst
123	Viola V.	4004	W. Henderson	Ayrshire	4,931	4·35	214·38	Triumph of Gleneira

Cows under 4 Years of Age—200 lbs. Standard—*continued.*

Order of Merit.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
124	Pansy of Grahamsvale..	5330	Mrs. L. Orchard	Jersey ..	4,021	5·30	212·97	Golden Twylish
125	Agate of Yalart ..	5832	Sadler Bros. ..	Ayrshire	5,553	3·83	212·58	White Prince of Glencira
126	Dominion Primrose League	..	Flack and Sewell	Friesian	6,494	3·25	211·42	Longbeach Primrose League
127	Rosebud II. of Pine Grove	4641	A. H. S. Schier	Ayrshire	5,162	4·05	209·16	Glen Keith of Pine Grove
128	Model II. of Pine Grove	4635	A. H. S. Schier	,,	4,084	5·08	207·34	Glen Keith of Pine Grove
129	Sylvia of Bundara ..	4272	D. C. Morrison	,,	5,506	3·71	204·31	Doctor of Golden Vein
130	Isabelle of Ben Kell ..	4577	R. Ralston ..	,,	4,827	4·22	203·66	Girvan of Oakbank
131	Betty II. of Pine Grove ..	4624	A. H. S. Schier	,,	4,329	4·68	202·64	Glen Keith of Pine Grove
132	Lady Ida of Glenavon	5319	J. A. Lang ..	,,	4,900	4·13	202·52	Orphan Boy of Glenavon
133	Lady Merlin of Colac ..	5890	C. Falkenberg	Jersey ..	3,519	5·70	200·65	Merlin (Imp.)

Heifers—175 lbs. Standard.

Order of Merit.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
1	Mistletoe II. of Tarnpirr	6030	C. G. Knight ..	Jersey ..	7,900	5·69	449·52	First Choice of Melrose
2	Brookland's Maid ..	..	A. W. Jones ..	Friesian	9,155	4·28	392·03	Woodcrest Netherland Peitji
3	Dominion Korndyke ..	..	Department of Agriculture	,,	10,568	3·65	386·07	Oak de Kol II. Homestead Fobes
4	Pidgeon of Kameruka ..	6035	C. G. Knight ..	Jersey ..	6,933	5·54	383·93	Silver King
5	Princess II. of Retreat..	5394	J. A. Lang ...	Ayrshire	8,132	4·65	378·18	Anthony of Glencira
6	Lassie VII.'s Princess of Cloverflat	6245	D. G. Tomkins .	Jersey ..	7,847	4·77	374·41	Prince Noreen
7	Pauline of Ashby ..	..	Dickinson Bros.	Friesian	10,200	3·62	368·94	Pearl's Prince of Brundee
8	Silvermine XVIII. of Banyule	6080	G. Lyon and R. R. Kerr	Jersey ..	6,299	5·67	357·89	Mabel's Chief (Imp.)
9	Jubilee Azalea Winks ..	..	Miss B. Reid ..	,, ..	5,973	5·96	355·86	GoddingtonWinks (Imp.)
10	Her Royal Highness ..	..	A. W. Jones ..	Friesian	9,981	3·56	355·11	Pearl's Prince of Brundee
11	Dominion Queen Mercedes	..	Flack and Sewell	,,	10,295	3·42	352·02	Woodcrest Joe (Imp).
12	Good Day of Kameruka	6027	C. G. Knight ..	Jersey ..	7,614	4·58	348·70	Silver King
13	Beauty of Tarnpirr ..	6023	C. G. Knight ..	,, ..	5,271	6·56	345·88	First Choice of Melrose
14	Dominion Proud Lassie	..	Department of Agriculture	Friesian	10,233	3·35	342·94	Woodcrest Joe (Imp.)
15	Budding Rose of Sparrovale	3887	Geelong Harbor Trust	Ayrshire	6,365	5·31	338·32	Scottish King of Gowrie Park
16	Dominion Iona ..	..	Flack and Sewell	Friesian	9,509	3·53	336·12	Woodcrest Joe (Imp.)
17	My Hope of Kameruka	6032	C. G. Knight ..	Jersey ..	6,581	5·09	334·84	Twylish Pride
18	Soprano II. of Banyule..	6081	Lyon and Kerr	,, ..	5,484	6·07	332·97	Mabel's Chief (Imp.)
19	Trixie of Evergreen ..	6362	H. S. Gibson ..	Ayrshire	6,996	4·89	331·86	General Gordon
20	Daisy VI. of Jerseyholm	5917	T. Harvey ..	Jersey ..	6,416	5·17	331·55	Emperor of Jerseyholm
21	Kirsty VII. of Jerseyholm	5918	T. Harvey ..	,, ..	5,721	5·79	331·05	Venture's Hero
22	Dominion Homestead Maggie	..	Flack and Sewell	Friesian	9,180	3·60	330·48	Longbeach Primrose League
23	Mesopotamia	..	Department of Agriculture	Red Poll	7,854	4·21	330·57	Longford Major
24	Merella II. of Yarrabrae	5668	S. S. Cameron	Jersey ..	4,831	6·83	329·96	Starbright's Renard
25	Lady Elector VI. of Melrose	..	S. Rowe ..	,, ..	5,311	6·19	328·62	Handsome Boy V. of Melrose
26	Roseleaf of Tarnpirr ..	6037	C. G. Knight ..	,, ..	5,252	6·24	327·77	First Choice of Melrose
27	Wedding Bell of Tarnpirr	6041	C. G. Knight ..	,, ..	5,515	5·93	326·91	First Choice of Melrose
28	Cooee of Tarnpirr ..	6025	C. G. Knight ..	,, ..	4,906	6·66	326·85	First Choice of Melrose
29	Lilac of Tarnpirr ..	6028	C. G. Knight ..	,, ..	6,772	4·79	324·96	Ilford
30	Flora of Warrook ..	5172	W. C. Greaves	Ayrshire	6,496	4·99	324·54	Minerva's Jamie of Warrook
31	Poppy of Ben Kell ..	4584	R. Ralston ..	,,	6,131	5·29	324·33	Girvan of Oakbank
32	Violation	..	Department of Agriculture	Red Poll	7,618	4·18	318·84	Belligerent
33	Alice	..	Leongatha High School	Jersey ..	4,996	6·30	314·83	Empire IV.'s Son of Melrose

HEIFERS.—175 LBS. STANDARD.—*continued.*

Order of Merit.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
34	Sybil of Sparrovale ..	3907	Geelong Harbor Trust	Ayrshire	6,919	4·50	311·21	Stuart of Gowrie Park
35	Ixia of Springhurst ..	5397	J. D. Read ..	Jersey ..	6,667	4·66	310·77	Brighton Cub
36	Jessie XX. of Melrose ..	..	W. Woodmason	,, ..	4,933	6·25	309·59	Handsome Boy V.
37	Mystery XIV.'s Handsome of Lesterfield	..	A. Jackson ..	,, ..	5,961	5·17	308·26	Handsome Boy IV.
38	Rarity X. of Melrose ..	..	W. Woodmason	,, ..	4,842	6·35	307·74	Handsome Boy V.
39	Belle of Warenda ..	..	T. Mesley ..	,, ..	4,401	6·97	307·01	Jessie's Handsome Boy
40	Rosetta III.	..	F. Sadler ..	Shorthorn	7,808	3·92	305·80	43rd Duke of Pentland
41	Bolobek Amabel ..	..	O. J. Syme ..	Friesian	7,227	4·22	305·27	Indulge Johanna Lad
42	Mermaid of Retreat ..	4334	Muhlebach Bros.	Ayrshire	6,129	4·97	304·67	Anthony of Glencira
43	Sparkle II. of Jerseyholm	5920	T. Harvey ..	Jersey ..	5,204	5·85	304·37	Venture's Hero
44	Surprise	..	Leongatha High School	,, ..	4,712	6·45	303·99	Prince's Glory
45	Bonnie Jean of Langley Park	3478	Callery Bros. ..	Ayrshire	6,823	4·43	302·23	Bonnie's Chief of Victoria Bank
46	Begum of Springhurst..	..	J. D. Read ..	Jersey ..	5,439	5·55	302·18	Investigator of Melrose
47	Hawthorn VII. of Banyule	6068	Lyon and Kerr	,, ..	5,443	5·51	300·14	Mabel's Chief (Imp.)
48	Thelma of View Point	4622	Sadler Bros. ..	Ayrshire	7,082	4·22	299·08	Jimmie of View Point
49	Melba	..	A. W. Jones ..	Friesian	7,424	4·03	299·07	Pearl's Prince of Brundee
50	Jubilee Red Rose ..	..	Miss B. Reid ..	Jersey ..	5,869	5·08	298·31	Twylish Madeira's Fox II.
51	Queenie of Ashby ..	..	Dickinson Bros.	Friesian	7,372	4·01	295·89	Pearl's Prince of Brundee
52	Neatest I. of St. Albans	..	A. W. Jones ..	Jersey ..	5,227	5·65	295·24	Sweet Fox
53	Daisy of Sparrovale ..	3888	Geelong Harbor Trust	Ayrshire	6,084	4·76	289·96	Scottish King of Gowrie Park
54	Daphne of Ayrbrae ..	5403	L. McFarlane..	,,	5,676	5·07	287·91	Earl of Drayton
55	Beatrice of Sparrovale	3882	Geelong Harbor Trust	,,	7,517	3·81	286·48	Stuart of Gowrie Park
56	Grace de Kol ..	..	Department of Agriculture	Friesian	7,468	3·83	286·39	Longbeach Primrose League
57	Maisie of Sparrovale ..	3901	Geelong Harbor Trust	Ayrshire	6,654	4·26	283·85	Stuarts of Gowrie Park
58	Moss Rose XIII. ..	..	H. Lidgett ..	Shorthorn	6,520	4·31	281·51	53rd Duke of Pentland
59	Thora IV. of Banyule ..	6083	Lyon and Kerr	Jersey ..	5,312	5·28	280·88	Retford Castor
60	Dominion Flower II. ..	..	Flack and Sewell	Friesian	6,895	4·06	280·01	Longbeach Primrose League
61	Wattle of Tarnpirr ..	6040	C. G. Knight ..	Jersey ..	4,477	6·25	279·68	Boss of Tarnpirr
62	Milkmaid of Riccarton..	6505	J. A. Laug ..	Ayrshire	6,169	4·49	277·48	White Prince of Glencira
63	Hillfield Duchess XIX. ..	..	H. Lidgett ..	Shorthorn	6,872	4·03	277·12	Highton Duke LVI.
64	Modesty of Retreat ..	4335	Muhlebach Bros.	Ayrshire	5,855	4·66	274·41	Anthony of Glencira
65	Lucy of Mt. Eccles ..	5458	S. Rowe ..	Jersey ..	5,089	5·38	273·86	Linda XIII.'s Twylish of Kingsvale
66	Moline of La Motte ..	5259	S. A. Johnson	Ayrshire	5,420	5·05	273·86	Captain Tasmar
67	Gracie of Retreat ..	5986	Muhlebach Bros.	,,	5,640	4·83	272·46	Musician of W. V.
68	Lotus Lily II. of Staghorn	5592	F. Bidgood ..	Jersey ..	4,894	5·56	272·19	Favorite Noble of Kyora
69	Fairy Queen I. of St. Albans	..	A. E. Batson	,, ..	4,746	5·73	272·11	Linden Chief
70	Lassie VIII. of Banyule	6070	G. Lyon and R. R. Kerr	,, ..	4,934	5·46	272·11	Mabel's Chief (Imp.)
71	Jubilee Wynda Wildflower	..	Miss B. Reid ..	,, ..	4,904	5·51	270·34	Twylish Madeira's Fox II.
72	Winsome of Woolamai Park	5276	G. Kent ..	Ayrshire	6,257	4·31	269·55	Jamie of Ellerslie
73	Fashion of Warrook ..	5171	W. C. Greaves	,,	4,899	5·46	268·78	Minerva's Jamie of Warrook
74	Bluebell of Tarnpirr ..	6024	C. G. Knight ..	Jersey ..	5,071	5·30	268·66	First Choice of Melrose
75	Ottawa	..	Department of Agriculture	Red Poll	6,964	3·85	268·16	Nicotine
76	Starfinch III. of Banyule	6082	G. Lyon and R. R. Kerr	Jersey..	4,462	5·98	267·02	Mabel's Chief (Imp.)
77	Lady Grey VI. of St. Albans	..	A. E. Batson	,, ..	3,959	6·74	266·77	Black Fox
78	Cloverleaf of Retreat ..	4326	Muhlebach Bros	Ayrshire	5,984	4·45	266·19	Anthony of Glencira
79	Blossom of Sparrovale	3885	Geelong Harbor Trust	,,	5,773	4·60	265·68	Stuart of Gowrie Park
80	Clover of Springhurst ..	6201	J. D. Read ..	Jersey ..	4,685	5·62	263·26	Brighton Cub
81	Camellia of Springhurst	6200	J. D. Read ..	,, ..	4,630	5·61	263·20	Investigator of Melrose
82	Valdean of Somerville ..	5949	J. Hutchinson	,, ..	5,054	5·20	262·83	Annette II.'s Twylish of King's Vale

HEIFERS—175 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
83	Lady Grey VII. of St. Albans	..	A. W. Jones ..	Jersey ..	4,910	5·33	261·86	Sweet Fox
84	Esme of Riccarton ..	6500	J. A. Lang ..	Ayrshire	6,616	3·96	261·78	White Prince of Gleneira
85	Mystery XIX. of Melrose	..	W. Woodmason	Jersey..	4,056	6·44	261·40	Handsome Boy V.
86	Duchess of Sparrovale	3889	Geelong Harbor Trust	Ayrshire	5,719	4·56	261·10	Stuart of Gowrie Park
87	Daffodil of Retreat ..	5383	Muhlebach Bros	,,	5,817	4·42	257·62	Anthony of Gleneira
88	May XII. of Banyule ..	6074	G. Lyon and R. R. Kerr	Jersey ..	4,745	5·37	254·90	Laddie VIII. of Banyule
89	Phœbe of Ashby ..	..	Dickinson Bros.	Friesian	6,060	4·20	254·87	Pearl's Prince of Brundee
90	Bonnie Doon's Pride ..	..	Miss L. Robinson	Jersey ..	4,291	5·91	253·53	Retford Maripose
91	Dauphine of Springhurst	6202	J. D. Read ..	,, ..	4,308	5·83	251·12	Investigator of Melrose
92	Sapphira of Glen Iris ..	6060	C. D. Lloyd ..	,, ..	4,033	6·22	251·05	Mabel's Chief (Imp.)
93	Mona's Pride of Woorayl	..	Leongatha High School	,, ..	4,029	6·18	248·90	Prince's Glory
94	Frolic of Holly Green ..	4766	H. Webb ..	Ayrshire	5,683	4·36	247·81	Rex of Oakbank
95	Art of Springhurst ..	6199	J. D. Read ..	Jersey..	5,407	4·55	246·09	Brighton Cub
96	Sweet Pansy 5th of Melrose	..	G. Rowe ..	,, ..	4,073	6·03	245·50	Handsome Boy V. of Melrose
97	Mountain Princess of Langley Park	3480	Callery Bros. ..	Ayrshire	5,332	4·57	243·72	Bonnie Chief of Victoria Bank
98	Golden Fern of Glen Iris	6058	C. D. Lloyd ..	Jersey ..	3,682	6·60	243·19	Mabel's Chief (Imp.)
99	Minerva of Burnbrae ..	6484	Sadler Bros. ..	Ayrshire	6,219	3·88	241·49	Bonnie Prince of Gowrie Park
100	Penstemon of Springhurst	6205	J. D. Read ..	Jersey ..	4,613	5·18	239·17	Investigator of Melrose
101	Daisy of Inverleigh ..	6855	A. H. Schier ..	Ayrshire	5,588	4·27	238·63	Director of Midbranch
102	Tulip II. of Bonshaw ..	..	E. M. Lennie	Jersey..	4,902	4·84	237·15	Laddie II. of Banyule
103	Lassie VII. of Banyule	6069	Lyon and Kerr	,, ..	4,127	5·69	234·99	Mabel's Chief (Imp.)
104	Rosebud of Brookfield	..	W. Parbury ..	,, ..	5,161	4·55	234·91	Bright Spark
105	Dominion Fayne Segis..	..	Flack and Sewell	Friesian	6,832	3·43	234·56	Longbeach Primrose League
106	Jubilee Twilight Rambler	..	Miss B. Reid ..	Jersey ..	4,464	5·24	234·15	Twylish Madeira's Fox II.
107	Morven Daisy V. ..	..	J. Kerr ..	Shorthorn	5,690	4·10	233·19	Manor York Rose 10th
108	Duchess of Pentland 26th	..	H. Lidgett ..	,,	5,950	3·92	232·00	Highton Duke 56th
109	Silvermine XVII. of Banyule	6079	Lyon and Kerr	Jersey..	4,653	4·90	228·10	Mabel's Chief (Imp.)
110	Tulip of Meridale ..	..	G. H. Windsor	,, ..	4,242	5·37	227·88	Dinah's Twylish II. of King's Vale
111	Mike's Delicious of Fairview	6137	Meier Bros. ..	,, ..	4,903	4·65	227·86	Merry Mike
112	Kyora's Lotina IV. ..	..	Miss S. L. Robinson	,, ..	4,741	4·79	227·35	Financial King
113	Seaweed of Springhurst	6208	J. D. Read ..	,, ..	4,226	5·33	225·48	Investigator of Melrose
114	Acacia of Springhurst ..	6198	J. D. Read ..	,, ..	4,187	5·02	225·40	Fisher of Springhurst
115	Young Madeira of La Trobe	4814	Sale High School	Ayrshire	5,482	4·10	225·03	Norm of Mapleton
116	Jubilee Clematis ..	..	Miss B. Reid ..	Jersey ..	3,894	5·75	223·76	Twylish Madeira's Fox II.
117	Geranium of Langley Park	6180	Callery Bros. ..	Ayrshire	4,914	4·50	221·39	Bonny Chief
118	Kyora's Defender's Claribelle II.	..	Miss S. L. Robinson	Jersey ..	4,388	5·03	220·59	Lotina's Defender
119	Maggie of Ashby ..	..	Dickinson Bros.	Friesian	5,813	3·77	220·45	Pearl's Prince of Brundee
120	Bolobek Brenda ..	..	A. W. Jones ..	,,	5,654	3·89	219·85	Indulge Johanna Lad
121	Venus of Somerville ..	..	J. Hutchinson	Jersey ..	4,403	4·98	219·30	Annette II.'s Twylish of Kingsvale
122	Garenne III. of Warenda	6140	T. Mesley ..	,, ..	3,777	5·80	219·18	Skim of Dunalister
123	Chatter	6054	C. D. Lloyd ..	,, ..	3,406	6·42	218·61	Mabel's Chief (Imp.)
124	Poplar Vale Princess 25th	..	P. Sadler ..	Shorthorn	5,518	3·93	216·72	Manor Monarch 16th
125	Forest Queen of Langley Park	4951	Callery Bros. ..	Ayrshire	4,448	4·83	215·02	Forest King of Langley Park
126	Carine of Clarendoneyre	..	C. J. Reid ..	Jersey ..	4,040	5·31	214·49	Larkspur's Lord Twylish
127	Chenille of Warradale ..	..	J. A. Lang ..	Ayrshire	4,960	4·26	211·93	Paranous of Warradale
128	Karong Rose II. ..	..	J. Baker ..	Red Poll	5,073	4·15	210·79	Karong Pride
129	Marguerite II. ..	..	Mrs. A. Black	Jersey ..	4,573	4·61	210·69	Obelisk
130	Golden Lassie of Clover Flat	5482	Byrne and Grassick	,, ..	4,918	4·26	209·84	Maid of the Glen's Golden Carnation
131	Dutch Girl II. of Berry..	..	Flack and Sewell	Friesian	5,686	3·66	208·45	Sultan La Polka
132	Bonnie II. of Tarnpirr..	..	C. G. Knight ..	Jersey..	3,281	6·24	204·74	Royal Rose's Choice
133	Mulberry of Ayrbrae ..	5105	L. McFarlane..	Ayrshire	4,551	4·45	202·72	Lancelot of Gleneira
134	Lady Dutchess of Ben Kel	4578	R. Ralston ..	,,	5,208	3·87	202·03	Girvan of Oakbank

HEIFERS—175 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Herd Book No.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
					lbs.		lbs.	
135	Phyllis of Glengowrie ..	4639	A. H. Schier ..	Ayrshire	4,615	4·38	202·00	Jellicoe of Oakbank
136	Science of Springhurst	6207	J. D. Read ..	Jersey ..	3,753	5·38	201·91	Brighton Cub
137	Rosebud of Glencairn ..	5662	A. H. S. Schier	Ayrshire	4,925	4·09	201·38	Peacebreaker of Glencairn
138	Magelta	..	Department of Agriculture	Red Poll	5,103	3·93	200·56	Longford Major (Imp.)
139	Dolichos of Springhurst	6203	J. D. Read ..	Jersey ..	4,326	4·63	200·40	Brighton Cub
140	Bolobek Joan ..	..	O. J. Syme ..	Friesian	5,999	3·27	196·46	Johanna Lad
141	Daphne 21st	..	H. Liddett ..	Shorthorn	5,021	3·90	195·93	Morven York Rose IV.
142	Scabia of Springhurst ..	6206	J. D. Read ..	Jersey ..	3,334	5·88	195·92	Fisher of Springhurst
143	Browncake of Glen Iris	6053	C. D. Lloyd ..	,, ..	2,907	6·49	188·68	Mabel's Chief (Imp.)
144	Clementine of Staghorn	5592	F. Bidgood ..	,, ..	2,913	6·46	188·28	Favourite's Noble of Kyora
145	Pearline of Ben Kell ..	4583	R. Ralston ..	Ayrshire	4,142	4·49	186·15	Girvan of Oakbank
146	Jubilee Hydrangea ..	..	Miss B. Read	Jersey ..	3,716	4·89	181·70	Twylish Madeira's Fox II.
147	Sunflower of Langley Park	4954	Callery Bros. ..	Ayrshire	4,024	4·43	178·60	Bonnie's Chief of Victoria Bank

A Corner of Mr. A. W. Jones' Farmyard.

The Plans and Specifications of a Farm Well, which it was intended to publish this month, have had to be held over. They will be included in the October issue.

TOBACCO SEED BEDS.

By Temple A. J. Smith, Tobacco Expert.

The present high prices for tobacco leaf fully justify intending growers making special efforts to produce an ample supply of plants for the areas to be put out in the coming season. Many growers sow seed beds in July or early August, and depend on these seedlings only for their crop; should disaster overtake these, the season is liable to be lost.

Tobacco seed beds may be sown under certain conditions up to the first week in November with a good prospect of getting plants, which can be put in the field by the last two weeks in December. This is certainly getting late for early districts, but many good crops have been secured after even later plantings, and, generally speaking, late crops cost less to produce, the growing season being shorter, and the quality of the quickly-grown tobacco better than the early-planted.

Seed sown in July is often three weeks in germinating, whereas that sown in, say, September and October, will germinate in six days, and the plants grow faster in the warmer weather.

It will pay well to have relays of beds coming on, and late-sown beds will often miss the bad weather that causes Blue Mould, which is more liable to attack early-sown plants. If this precaution be followed, the grower is almost sure to obtain a crop in seasons when disease causes a general shortage, and he will reap the benefit of higher prices.

So far as has been ascertained, Blue Mould is caused by an excessive amount of water in the soil chilling the roots of the young tobacco plants, which at the same time take up more moisture than can be transpired if the weather conditions are humid, the result being congestion of moisture in the plant, and sometimes bursting of the tissues. It is at such times that the Mould first makes its appearance.

One of the best systems now adopted to control the amount of moisture in the seed beds is to make a stage or platform of saplings or boards, or any other suitable material, 2 or 3 feet above the ground, making sure that good drainage is provided. The width of such stages may be 3, 4, or 5 feet, and any length required; a greater width tends to make the seed bed awkward to water and weed. A border of logs or boards 6 inches in height should be placed round the bed, and it should then be filled with good, rich soil, which has previously been burned, taking only the top 3 inches of soil. The whole should be pulverized into fine condition, and if the soil is not rich enough, a little well-decomposed farm manure can be worked in, and about 3 lbs. of superphosphate, or superphosphate and bone, applied to every 100 square feet. A bed 50 yards long by 3 feet wide should produce enough plants for from 5 to 10 acres; a tablespoonful of seed is sufficient to sow this area.

The seed, being so small, must be mixed with dry, sifted sand or ashes, so that it may be distributed evenly over the surface of the bed; the seed is spread by sowing backwards and forwards over the area required several times. It is not raked in, but a very thin layer of sand sprinkled on the surface has a good effect, and the bed can then be firmly pressed down with a clean board to set the seed in the soil. The bed may then be lightly watered with a fine rose sprinkler.

A heavy application of water should be avoided, as it tends to wash the seeds together, or off the beds on to the pathways. The beds are then covered with hessian of cheap quality, or cheesecloth, stretched across the frame and supported sufficiently to prevent the cover fraying the bed. They should be kept moist, but not too wet, and the cover kept on until the plants are showing four leaves, when it can be taken off in the day time and replaced at night.

This system of growing plants maintains an even temperature, and the amount of moisture can be easily regulated. Insect pests are excluded, and the hessian cover is a good protection against frost. The raised beds can be used for many years, provided a few inches of new soil and a little manure are added each season.

The best aspect for such beds is a northerly or north-easterly one, with protection from the south winds.

Another system, now successfully adopted in South Africa, is to make trays much like the case that corrugated iron is packed in, handles being fixed to each end. These are filled with good soil and covered with cheesecloth, the advantage over the first-mentioned beds being that they can be placed under cover in the event of extreme wet weather. It is also claimed that, should Mould make its appearance, the trays can be put in the curing barns, and the temperature slowly raised to 80 degs. F., which degree of heat is fatal to the Mould.

The old system of raising plants leaves too much to chance, and though in many seasons successful, should not be relied on alone; and I would urge growers to at least try the raised beds and trays for late sowing up to the second week in October, in order to insure a supply of plants in any season.

In other countries, tobacco-growers go to much trouble and expense to safely rear tobacco plants, sterilizing the ground with formalin, and steaming with steam pans; but if relays of beds are sown in the way described above, there is sure to be a greater chance of success and a larger area of tobacco planted.

The prospect of high prices for tobacco leaf should make it well worth while to take the extra trouble involved.

EGG-LAYING COMPETITION.

WINTER TEST RESULTS AT BURNLEY.

By A. V. D. Rintoul, N.D.D., Chief Poultry Expert.

The result of the winter test—122 days—at the Burnley Egg-laying Competition, has been a new official world's record score—116 eggs—by Messrs. A. Siede and Sons' Black Orpington. This, of course, is highly satisfactory; but, unfortunately, the defections amongst competitors on account of light weight of eggs, which must average 24 ozs. to the dozen during July, the fourth month, are more numerous than ever. No less than six of the teams have, in consequence, been disqualified, and three of the birds in the single test section have shared a similar fate.

Carelessness on the part of the breeders in not properly culling the eggs before incubation, combined with breeding from immature pullets, are responsible for this misfortune.

Several Black Orpingtons have been disqualified for being under weight, which is a serious matter for the poultry industry. The birds are ten or eleven months' old when weighed, and if Black Orpingtons of that age cannot scale 5 lbs.—the official minimum—they have no right to the name Black Orpingtons. Unfortunately, some of the unofficial competitions are not so strict, and in consequence breeders send still smaller birds there, and young stock are subsequently sold on "score" pedigree.

It should be thoroughly understood that the weight limits are in the interest of the industry, and must in consequence be strictly interpreted. Breeders are again warned that, in accordance with Rule 9, birds *must be fair specimens of the breed entered.* As it is possible that this rule may be more closely regarded in the future, I would seriously urge intending competitors next year to keep this rule in mind.

Record of Eggs Laid by the Winning Pens at the Conclusion of the Winter Test, 1st April, 1920, to 31st July, 1920.

GROUPS OF SIX BIRDS.

Light Breeds.

1st Champion Certificate—No. 57. D. Gibson. 531 eggs. White Leghorns.
2nd Government Certificate—No. 54. G. Pocknall. 476 eggs. White Leghorns.

Individual Birds—

1st Champion Certificate—Pen 57. Bird 3. D. Gibson. 98 eggs. White Leghorn.
2nd Government Certificate { Pen 51. Bird 6. Montuna P.F. 92 eggs. White Leghorn } equal
{ „ 69. „ 1. J. Ogilvie. 92 „ „ }

Heavy Breeds.

1st Champion Certificate—No. 94. Jas. A. Dunn. 527 eggs. Black Orpingtons.
2nd Government Certificate—No 75. S. Andrew. 435 eggs. Black Orpingtons.

Individual Birds—

1st Champion Certificate—Pen 94. Bird 3. Jas. A. Dunn. 113 eggs. Black Orpington.
2nd Government Certificate—Pen 94. Bird 4. Jas. A. Dunn. 111 eggs. Black Orpington

INDIVIDUAL BIRDS, SINGLE TEST.

Light Breeds.

1st Champion Certificate—No. 74. H. W. Smith. 111 eggs. White Leghorns.
2nd Government Certificate { No. 14. G. G. Farm. 93 eggs. White Leghorns } equal
{ „ 52. P. N. Tilley. 93 „ „ }

Heavy Breeds.

1st Champion Certificate—No. 101. A. Siede & Sons. 116 eggs. Black Orpington.
2nd Government Certificate—No. 137. McCormack & Kinzell. 110 eggs. Rhode Island Red.

NOTE.—Messrs A. Siede & Sons established an official World's Record, Winter Test, with their Black Orpington, which laid 116 eggs in 122 days.

ISOLATION OF STOCK.

J. Matthews, Dairy Supervisor.

If stock-owners were more careful in handling newly-purchased stock and in quickly investigating cases of sickness occurring on the farm, they would be a powerful force in stopping the spread of those contagious diseases which every year carry off so many valuable animals, and in other ways cause serious losses.

Until the average farmer becomes more efficient in the diagnosing of diseases of stock, a thoroughly equipped isolation yard or paddock is almost an essential on a farm. By the phrase, a thoroughly equipped isolation yard, is not meant an enclosure with an ordinary wire fence, but one securely closed off with a second buffer fence not less than 20 feet back, so that the animals placed in quarantine may be kept quite apart from the rest of the farm stock. The buffer area could be planted with a suitable break-wind, or, if convenient, it could be made of greater extent and used for cultivation.

Let us take an instance where such an isolation area is of great value. A farmer purchases in all good faith stock in an open sale-yard or at a clearing sale, and, taking them home, gives them the free run of the whole of his farm. To all appearances they are healthy, but they may have come from a district infected with pleuro-pneumonia or other contagious disease. Perhaps, in a week or two suspicious symptoms are noticed in one of the animals, and the owner becomes alarmed. What is the result? If the disease be pleuro, several of the herd may have become affected, and possibly some members of the neighbours' herds as well, and the alternate loss may be only a few cows, or, may be, half a herd. Now let us consider the case of a practical man who does not believe in taking unnecessary risks. He has an isolation yard or paddock in which to keep newly-bought stock absolutely separated from his herd. In most cases a month or six weeks is a sufficient period of quarantine. If during this period any trouble develops, it will be confined to the isolated animals.

Quite apart from pleuro-pneumonia there are other contagious troubles, such as abortion, in which the isolation yard might play an important part, and often save an owner severe losses. An animal showing any of the following symptoms should be immediately quarantined:—Not feeding, going off in milk, laboured breathing, enlarged quarters of udder, unaccountable purging, premature calving, keeping apart from the herd, snoring. By doing so the farmer will establish a reliable insurance against loss.

CATALOGUED

SUDAN GRASS

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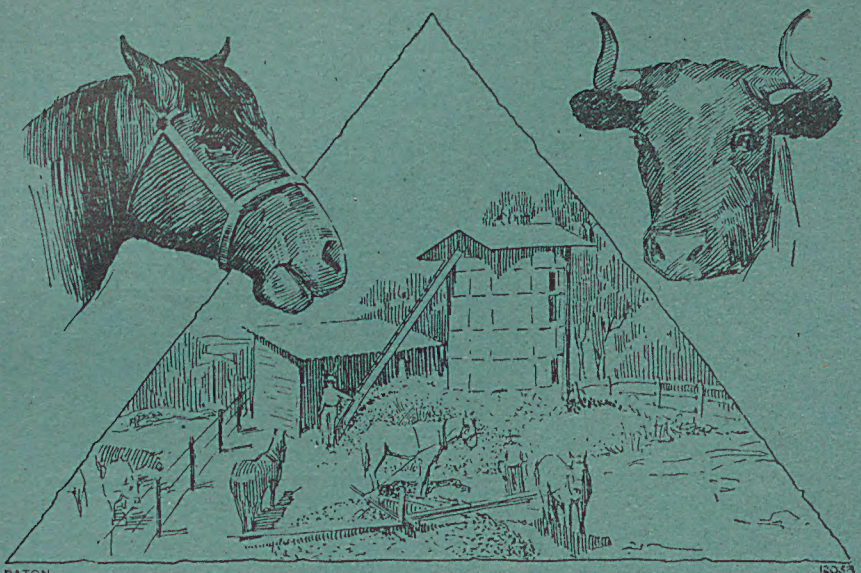

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